

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



43  
1950 ANNUAL CATALOG

# Farmer

## Seed and Nursery Co.

### FARIBAULT, MINNESOTA



#### NEW FARIBO HYBRID "SE" TOMATO

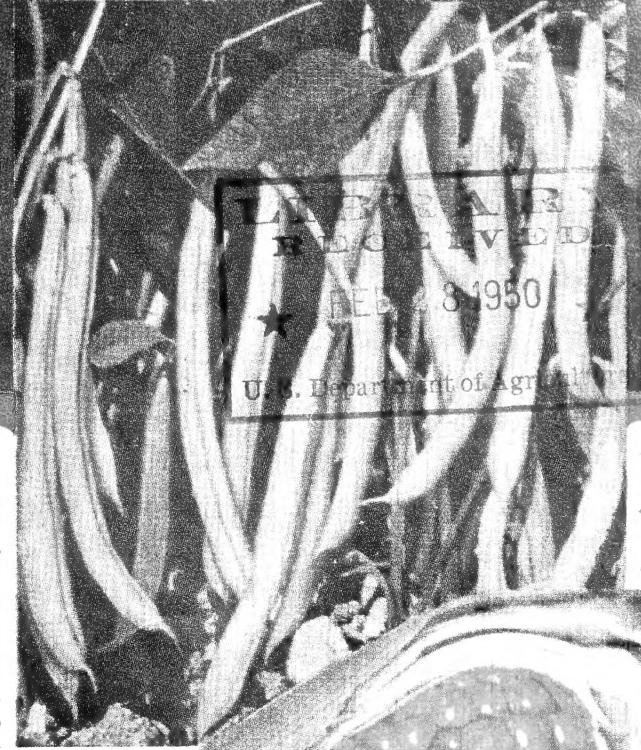
(No. 722) The brand new medium early Faribo Hybrid that made a record yield of  $16\frac{1}{2}$  tons per acre! Good sized fruits averaging  $6\frac{1}{2}$  ounces mature a few days after Hybrid E. They're brilliant red, smooth, and free from cracks. Bears continuously.

Pkt. (30 seeds) 25c,  
5 pkts. \$1.00 ppd.

#### TOPCROP All American BEAN

(No. 17) U. S. D. A.'s 1950 Gold Medal Snapbean out-yields all others because it's immune to bean mosaic. Entirely stringless 6 inch pods are very meaty, even when fully mature, because seeds develop slowly. Provides huge "pickings" over a short interval.

Large pkt. 15c,  $\frac{1}{2}$  lb. 40c,  
lb. 65c ppd.

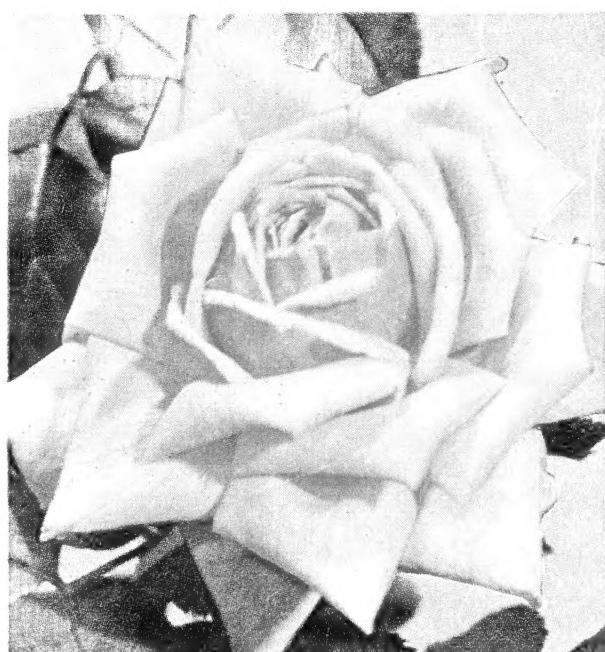


U. S. Department of Agriculture

#### IOCHIEF SWEET CORN

(No. 205) Iowa's big, new, mid-crop hybrid, developed by Dr. E. S. Hafner. Matures 3 days after Golden Cross Bantam, but retains prime eating stage much longer. Extremely high cutting percentage makes it the ideal canner. Highest yields in dry and wet year trials.

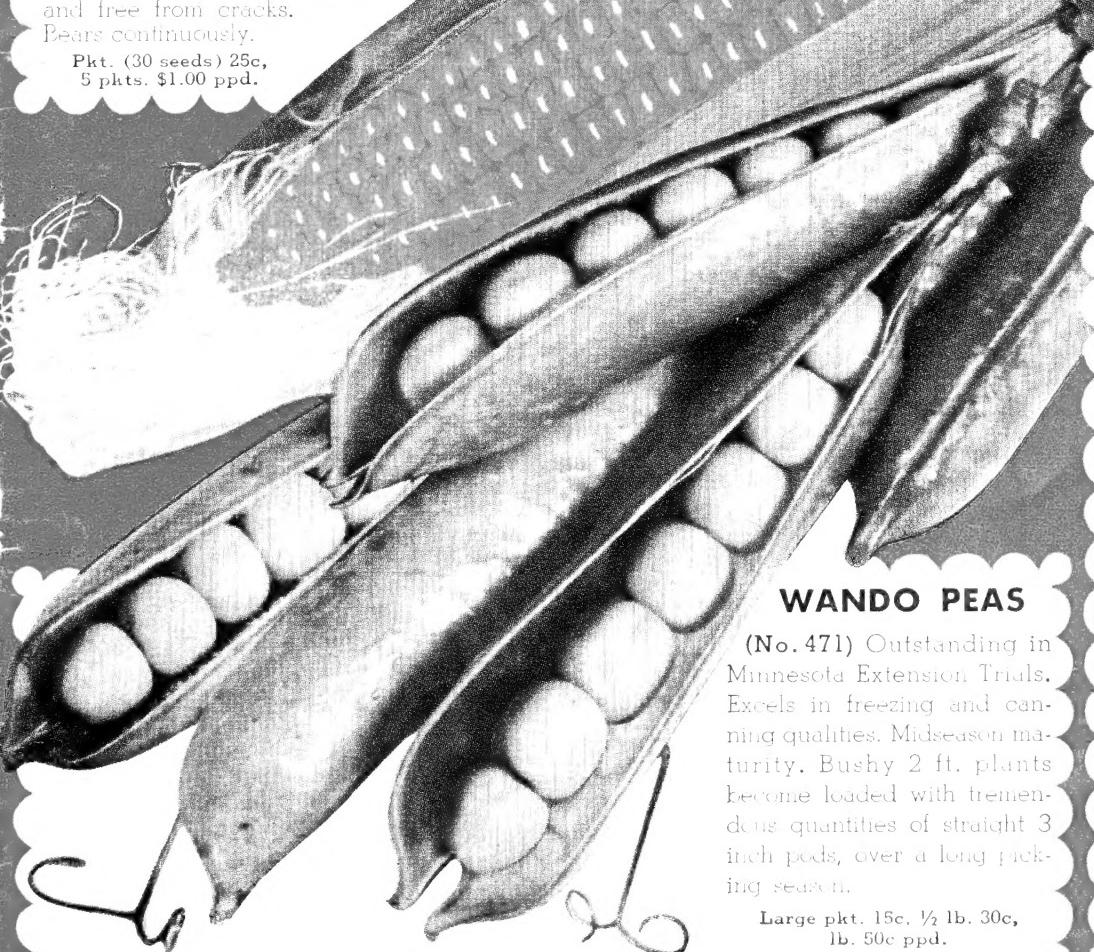
Large pkt. 15c,  $\frac{1}{2}$  lb. 30c, 1 lb. 50c ppd.



#### WANDO PEAS

(No. 471) Outstanding in Minnesota Extension Trials. Excels in freezing and canning qualities. Midseason maturity. Bushy 2 ft. plants become loaded with tremendous quantities of straight 3 inch pods, over a long picking season.

Large pkt. 15c,  $\frac{1}{2}$  lb. 30c,  
lb. 50c ppd.



#### NEW Sub-Zero ROSE "Curly Pink"

A lovely addition to this remarkable race of long-lived Hybrid Teas! Each stem grows several large, two-toned pink blossoms in various stages of development—a gorgeous bouquet on a single stem! Unique crinkled petals. A superb combination of size, firm, tenacious cluster, and performance. (See page 31.)

Each \$1.50, 3 for \$3.95, postpaid.

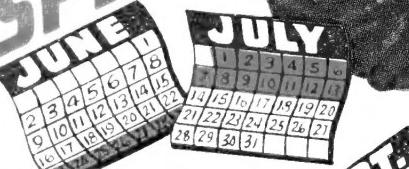
★★★  
**Small  
Fruits**  
FOR THE  
SMALL YARD  
Delicious  
Fruit 1 Year  
After Planting

**NEW  
DAKOTA AMBER  
CHERRY**

A brand new bush cherry that's good to eat right from the tree! Big bunches of delicious golden amber fruits on dwarf, symmetrical bushes, 4 to 5 feet tall. A mass of snow white blooms in spring, followed by heavy loads of fruit as large as shown below. Often bear second year. Makes tasty sauce, jams, jellies of beautiful color. Extremely hardy. Plant a Hansen Cherry also, as a pollinator.

2 to 3 ft. plants  
\$1.75 each, 3 for  
\$4.95 prepaid.

*Indian Summer*  
**RASPBERRIES**



**2 CROPS  
IN ONE SEASON**

Enjoy this luscious fruit in season, and again long after they're off the market! Loads of large, conical, super quality berries appear late in June (a week before others are ripe) and continue well into July. In mid September comes the real treat—a fall crop, producing until frost! The ideal home garden berry.

Heavy 2 yr. plants: 6 for \$1.35, 12 for \$2.45, 25 for \$4.65, postpaid.

(1 yr. plants and quantity prices, page 30)



**NEW SAPALTA HYBRID CHERRY**

A big flavorful hybrid cherry from Canada. Fruit of Sapa type, but sweeter and less cling-stone, with purple-red flesh and thin skin. Ripens early August. Delicious eaten fresh—superb for canning, pie, sauce, preserves. Often bear second year. Survives 40 below winters. Plant with Hansen Pollinator Cherry below.

← 3 to 4 ft. trees, \$1.45 each, 4 to 5 ft. trees, \$1.60 each.  
5 to 6 ft. trees, \$1.90 each, all prepaid.

**HANSEN  
POLLINATOR  
BUSH CHERRY**

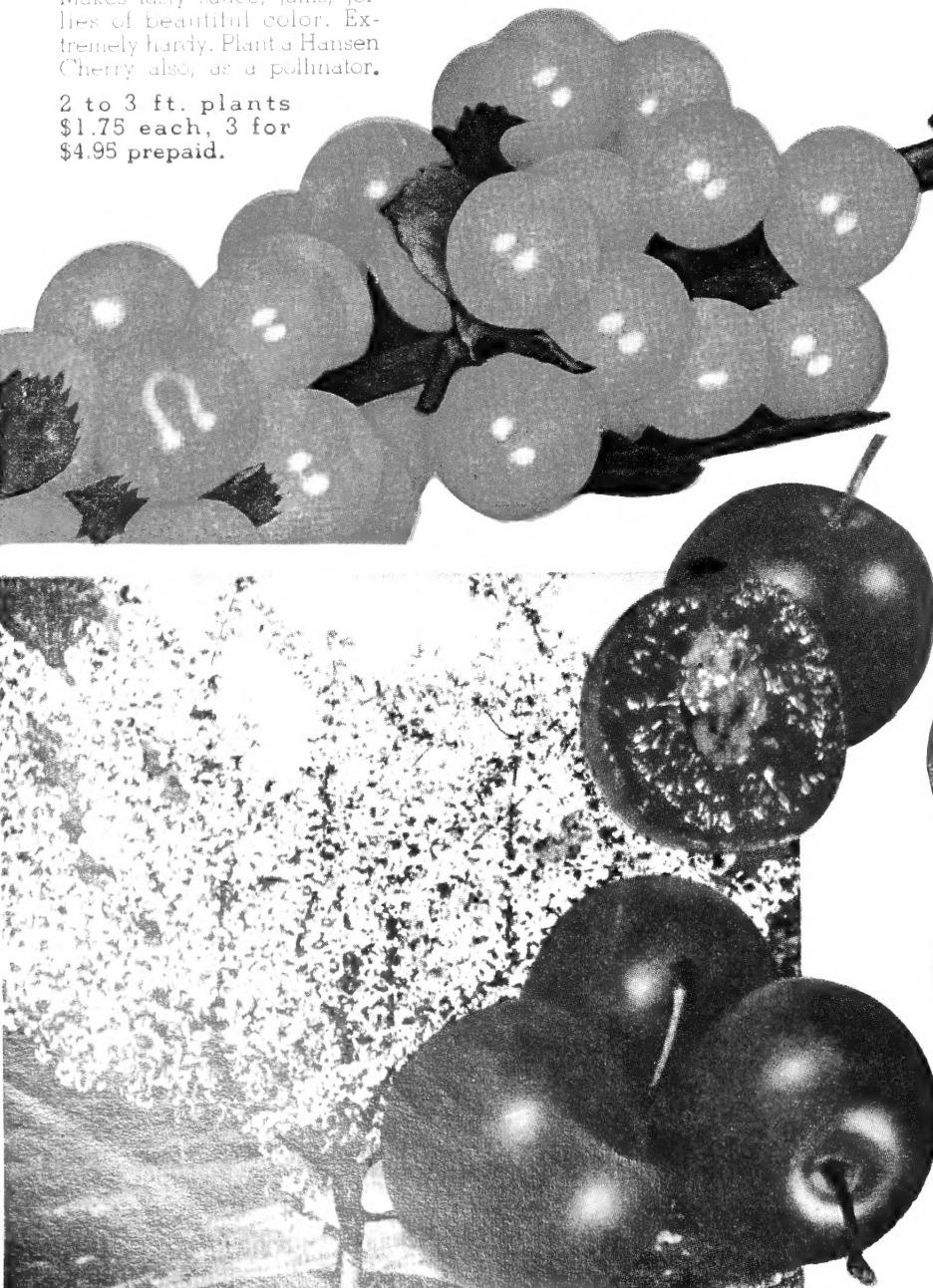
Midget sensations of radiant bloom! Fruit makes good preserves. The most effective pollinator for hybrid cherries such as New Sapalta, etc. Boosts the yield of cherry-plum hybrids. (Page 34)  
2 to 3 ft. transplants, 65c each, 2 for \$1.20 prepaid.

**PURPLE & GOLD CHERRY OFFER**  
**COLORFUL CHERRIES**

**3**

1 Dakota Amber—2 to 3 ft.  
1 Sapalta Hybrid—4 to 5 ft.  
1 Hansen Pollinator—2 to 3 ft.

**\$3<sup>65</sup>**  
ALL PREPAID



# BLUE FIGURE PRICE LIST

Prices subject to market changes, stocks being unsold; bags included in weight.

THE FARMER SEED & NURSERY CO. desires satisfaction for every customer. Complaints, if justified, will be adjusted to the amount remitted. However, since the results from seeds, trees, bulbs, or plants are subject to hazards of weather, climate, soil and cultural practices, over which we have no control, THE FARMER SEED & NURSERY CO. will not be in any way

responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed. If the purchaser does not accept goods on these terms, they are to be returned at once. All prices are F.O.B. Faribault, unless marked "ppd."

## FARMER SEED & NURSERY CO.

FAIRBAULT, MINN.

Jan. 20, 1950

**ORDER EARLY!** Many items are short this year. Transportation service is slower, due to overloaded railroads.

**NO PART-PAYMENT**

Stocks move so rapidly it is impossible to accept part-payment orders for deferred shipment.

### EXCEPTIONAL LOT OFFERS FOR EARLY ORDERS

#### LOT "MALTA" CERTIFIED MOORE BARLEY

Here's Wisconsin's great new malting barley, that features high yield, strong straw, disease resistance, PLUS good malting quality! Moore has high bushel weight and resistance to stem rust. This special lot is Wisconsin Certified Blue Tag seed, grown from University Foundation Stock, which was State Sealed before we had opportunity to treat with Ceresan. Considerable time and expense is involved in breaking seals, treating and resealing. So we offer this lot of only 3000 bushels, at a reduced price, while it lasts! Ceresan for treating, on page 67.

**AVAILABLE IN 2 BUSHEL \$3.65 BU.  
STATE SEALED BAGS ONLY**

#### LOT "POWER" CERTIFIED GRIMM ALFALFA

If you're interested in Certified Alfalfa Seed at Uncertified seed prices, read all about this lot. It's a good, hardy Montana strain. It proved its winter hardiness by maintaining stands under Montana climate for years. This lot meets all the standards for Blue Tag Grade, with the exception that it contains three tenths of one percent of Sweet Clover Seed, therefore it qualifies as Certified White Tag. Fields were inspected and found true to variety. Less than 3000 lbs. in this lot. Order early!

**BU. only \$36.75    100 lbs. \$61.00**

#### LOT "FORTUNE" CERT. MIDLAND RED CLOVER

This new Red Clover is resistant to diseases causing considerable damage to Clover fields in the Medium Red Clover belt. It's higher yielding, and it establishes a stand quicker and easier, than Medium Red Clover. This special lot is Certified Yellow Tag Seed from Idaho with a purity of 97.76%. It failed to qualify as Blue Tag grade because it contains 2% Alfalfa Seed. There is no Sweet Clover present, and such a minute trace of weed seed, that it still qualifies as Certified Seed.

**BU. only \$35.50    100 lbs. \$59.00**

### NORTHERN GROWN CLOVER

SUPER-HARDY—FREE FROM NOXIOUS WEEDS

(Bu. 60 Lbs.) Prices include sacks	% Purity	Peck	Bu.	100 Lbs.
<b>MEDIUM RED CLOVER</b>				
Master Farmer, Minn. Grown.....	99.60	\$ 8.90	\$34.95	\$58.00
Fancy .....	98.82	8.60	33.75	56.00
<b>NEW MIDLAND RED CLOVER</b>				
Idaho Certified Blue Tag .....	9.65	37.95	63.00	
<b>MAMMOTH CLOVER</b>				
Master Farmer, Minn. & Wisc. Grown	99.10	8.60	33.75	56.00
Master Farmer, Canadian .....	99.25	8.60	33.75	56.00
<b>WHITE DUTCH CLOVER</b>				
(5 lbs. \$7.00 ppd.).....	19.25	.....	.....	
<b>NEW LADINO CLOVER</b>				
Idaho Certified Blue Tag (1 lb. \$3.00, 5 lbs. \$13.75 ppd.)....	37.50	.....	.....	
<b>ALSIKE CLOVER</b>				
Master Farmer, Minn. & Iowa Grown	99.25	6.65	25.95	43.00
Master Farmer, Oregon Grown .....	99.70	6.80	26.50	44.00
<b>SWEET CLOVER (Common Biennial)</b>				
Mostly Dwarf Yellow Blossom Type....	99.26	4.30	16.35	27.00
Mostly Tall White Blossom Type....	99.62	4.40	16.95	28.00
Mostly Dwarf White, Grundy Co. Type	99.40	4.40	16.95	28.00
SWEET CLOVER Hubam Annual White....	99.40	3.95	15.15	25.00
<b>BIRDSFOOT TREFOIL</b>				
Broadleaf (1 lb. \$3.00, 5 lb. \$13.75 ppd.) .....	37.50	.....	.....	

### ALFALFAS—U. S. VERIFIED ORIGIN

(Certified and State Sealed Alfalfa is put up in 30 lb. and 60 lb. bags)

Prices include sacks	% Purity	Peck	Bu.	100 Lbs.
<b>DAKOTA NO. 12 (Montana Grown)</b>				
Master Farmer .....	99.51	\$ 9.20	\$36.15	\$60.00
<b>DAKOTA NO. 12 (Idaho Grown)</b>				
Master Farmer .....	99.60	9.20	36.15	60.00
<b>CANADIAN VARIEGATED</b>				
Master Farmer .....	99.00	9.00	35.60	59.00
<b>GRIMM (Montana Grown)</b>				
Certified Blue Tag .....	99.80	10.40	40.95	68.00
Certified Red Tag .....	99.81	10.10	39.75	66.00
<b>GRIMM (Montana Grown)</b>				
(Not for sale in Wisconsin)				
Master Farmer .....	99.52	9.35	36.75	61.00
<b>NEW RANGER (Montana Grown)</b>				
Certified Blue Tag (5 lbs. for \$6.50 postpaid) .....	99.70	16.65	66.15	110.00
<b>LADAK (Montana &amp; Idaho Grown)</b>				
Certified Blue Tag .....	99.75	10.70	42.15	70.00
Certified Red Tag .....	99.32	10.40	40.95	68.00
Master Farmer (Not for sale in Wisconsin) .....	99.30	9.65	37.95	63.00
<b>COSSACK (Wyoming Grown)</b>				
Master Farmer .....	99.35	9.80	38.50	64.00

### Prices include sacks

	25 Lbs.	50 Lbs.	100 Lbs.
<b>TIMOTHY</b>			
Master Farmer .....	\$ 9.25	\$18.15	\$36.00
<b>TIMOTHY &amp; ALSIKE MIXTURE</b>			
20-25% Alsike .....	9.50	18.90	37.50
30-35% Alsike .....	9.75	19.40	38.50
<b>BROME GRASS</b>			
Canadian Certified No. 1.....	14.95	29.65	58.00
<b>BROME GRASS—NEW LINCOLN STRAIN</b>			
Nebraska Grown .....	14.95	29.65	58.00
KENTUCKY BLUE GRASS (5 lbs. \$4.25 ppd.).....	17.70	35.15	70.00

### Prices include sacks

	25 Lbs.	50 Lbs.	100 Lbs.
<b>REED CANARY GRASS</b>			
Master Farmer .....			\$30.25
			\$60.15
<b>RED TOP</b>			
Master Farmer (5 lbs. \$4.50 ppd.).....		18.95	37.65
			75.00
<b>MASTER "A" MIXTURE</b>			
(A good producer on heavy soils).....			
	14.95	29.65	59.00
<b>MASTER "D" MIXTURE</b>			
(Does well on sandy type soils).....			
	13.95	27.65	55.00
<b>MASTER "E" MIXTURE</b>			
(Economical Short rotation mixture) .....			
	11.20	22.15	44.00

### IMPROVED SEED GRAINS

	10 Bu.	25 Bu.	
Prices include sacks	Bu.	@	
OATS			
(All Slurry Treated with New Ceresan "M")			
New Clinton '59' Certified Blue Tag.....	\$2.10	.....	
New Andrew, Certified Blue Tag.....	2.50	.....	
Bonda, Certified Blue Tag.....	1.75	\$1.70	\$1.65
Mindo, Certified Blue Tag.....	1.75	1.70	1.65
New Zephyr, Certified Blue Tag.....	2.65	.....	
BARLEY			
(All Slurry Treated with New Ceresan "M")			
New Moore, Certified Blue Tag.....	3.75	.....	
Montcalm, Certified Blue Tag.....	2.50	2.45	2.40
"L" or Kindred Certified Blue Tag.....	2.50	2.45	2.40

### Prices include sacks

	5 Bu.	10 Bu.	
Prices include sacks	Bu.	@	
<b>WHEAT</b>			
Mida, Certified Blue Tag.....		\$3.85	\$3.80
Henry, Certified Blue Tag.....		4.20	4.15
Winter Wheat (Write for price in August) .....			4.10
<b>FLAX</b>			
New Dakota, Certified Red Tag.....		6.50	6.45
			6.40
<b>BUCKWHEAT</b>			
		3.50	3.45
			3.40

# FARMER SEED & NURSERY CO'S Blue Figure Price List

## HYBRID SEED CORN

All Registered Seed Corn in 1-bushel, State Sealed Bags. See catalog pages 64 and 65 for description and adaptability of varieties. Prices subject to market changes and stocks being unsold. State Laboratory Germination tested.

All Hybrid Seed Corn is treated and each hybrid tagged for Planter Plate Recommendations. All Master Farmer Hybrids Certified and Sealed on Affidavit by Minnesota Crop Improvement Assn. All Minihybrids Registered and Sealed by Minnesota Crop Improvement Assn. All Master Farmer Hybrids Registered with Minnesota State Dept. of Agriculture, as per State Law. Strictly Minnesota grown (in Rice, LeSueur, and Waseca Counties.)

### Uniform Standard Grades

L—Large M—Medium S—Small R—Rounds F—Flats

LF—over a 21 Round Screen and through a 14 Slotted Screen.  
LR—over a 21 Round Screen.  
MF—over a 19 Round Screen and through a 13 Slotted Screen.

MR—over a 19 Round Screen.  
SF—over a 17 Round Screen and through a 12 Slotted Screen.  
SR—over a 17 Round Screen.

### LOT "SILO KING" HYBRID FODDER CORN

This special lot consists of A-1 Hybrids, accurately graded, and especially selected for their ability to produce a great tonnage of fodder. The seed is all uniformly graded, and Arasan Slurry treated. Germination will be above 95%. Lot Silo King comes in three maturity groups. When ordering, be sure to specify which maturity class you want:

**EARLY (90-100 DAYS)      LATE (OVER 110 DAYS)** {  
**MEDIUM (100-110 DAYS)**      GRADE \$6.00 BU.

Variety	Maturity	Kernel Grade	Price Per Bu.
Master F 21	( 82- 86 Days)	LF or MF SF or MR LR or SR	\$ 9.50 8.50 7.50
Master F 31	( 87- 91 Days)	LF                    MR LR                    Sold Out	9.50 7.50
Master F 32	( 88- 92 Days)	LF or MF SF or MR LR or SR	9.50 8.50 7.50
Master F 41	( 96-100 Days)	LF or MF SF or MR SR	9.50 8.50 7.50
Master F 60A	( 98-102 Days)	LF or MF SF or MR SR	9.50 8.50 7.50
Master F 82	(104-108 Days)	LF or MF MR LR or SR	9.50 8.50 7.50
Master F 83	(107-111 Days)	LF or MF SF or MR LR or SR	9.50 8.50 7.50
Master F 101A	(110-114 Days)	LF or MF SF or MR LR or SR	9.50 8.50 7.50
Master F 106A (Improved Ideal Hybrid Silo Corn)	(113-117 Days)	LF or MF SF or MR LR or SR	9.50 8.50 7.50
Minhybrid 503	(107-111 Days)	LF or MF MR LR or SR	8.75 7.75 Sold Out
Minhybrid 404	(108-112 Days)	LF or MF SF or MR LR or SR	8.75 7.75 6.75
Minhybrid 602	( 98-102 Days)	LF or MF	8.75

### State Certified SEED POTATOES, Northern Grown

Certified Seed Potatoes are your best crop insurance. Don't buy just ordinary U. S. No. 1 Grade Seed Potatoes—don't let price decide the placing of your order. You have too much at stake to gamble with ordinary seed.

For years we have specialized in State Certified Potatoes. These are checked for disease and type repeatedly during the growing season—inspected again at grading time, and in the bin. Finally they merit Official Certification Tag on each 100-lb. bag.

	Per Bag	2 or more Bags	Per Bag
Prices F.O.B. Faribault	(100 lbs.)		
EARLY OHIO, Certified.....	\$5.10	\$5.00	
EARLY WHITE WARBA, Certified.....	4.60	4.50	
EARLY RED WARBA, Certified.....	4.30	4.20	
EARLY IRISH COBLERS, Certified....	4.00	3.90	

ABOUT POTATO EYES	
For trial purposes or small gardens, Seed Potato Eyes will be available in all varieties. Small gardeners will save on seed costs and transportation in ordering these—see catalog page 20.	

We canot offer Certified Potatoes less than bag lots (100 lbs.). Those requiring smaller quantities, are asked to join with neighbors in making up full bag orders, or buy Potato Eyes (page 20).

	Per Bag (100 lbs.)	Bags	Per Bag
Prices F.O.B. Faribault			
NEW SATAPA, Certified.....		5.50	5.40
SEQUOIA, Certified Blight Resistant.....		4.70	4.60
NEW KENNEBEC, Certified (Available in freshly cut eyes only. See page 20)			



### REGAL LILY

A choice selection of flowering bulbs and plants that are easy to grow, and will provide unusual and exquisite flowers for your garden or perennial border this season.

### 3 HARDY PHLOX

1 of each \$1.00  
for only **\$1.00**  
ppd.  
6 PLANTS (2 of each) \$1.75

### GET THE WORLD'S LARGEST AND MOST INFLUENTIAL FARM MAGAZINE

Owners, renters, operators and managers of farm land, their families, and merchants who do business with farm people should read this big, live magazine. **FARM JOURNAL** and **FARMER'S WIFE** is read by more than 2,800,000 families. Each issue has departments for men, women, boys and girls. Clean and wholesome, no liquor advertisements. The low subscription prices shown below make it a real bargain for folks who have farm interests.

Farm Journal and Farmer's Wife,

Dept. F, P. O. Box 500  
Philadelphia, Pa.

\$1 for ONE YEAR BARGAIN OFFER THREE YEARS \$2   
Mark the Offer You Want. Send Money Our Risk.

Name \_\_\_\_\_  
Address \_\_\_\_\_

R.F.D. Box \_\_\_\_\_ Street \_\_\_\_\_

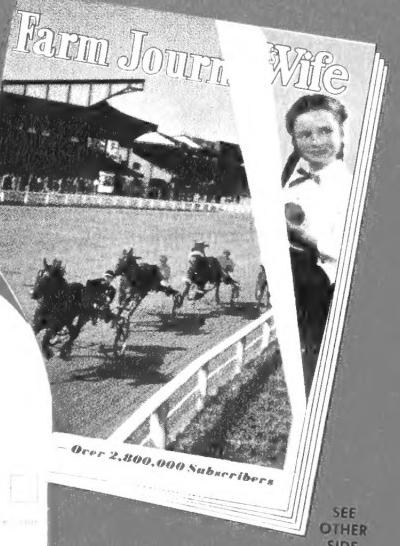
State \_\_\_\_\_

IMPORTANT:

Check here if you are interested in our new 1950 Garden Catalogue. It will be sent to you free.

Never send money to anyone claiming to be a subscriber to **Farm Journal** or **Farmer's Wife**. Dept. L, P. O. Box 500, Philadelphia, Pa., who are the publishers.

### NOW!



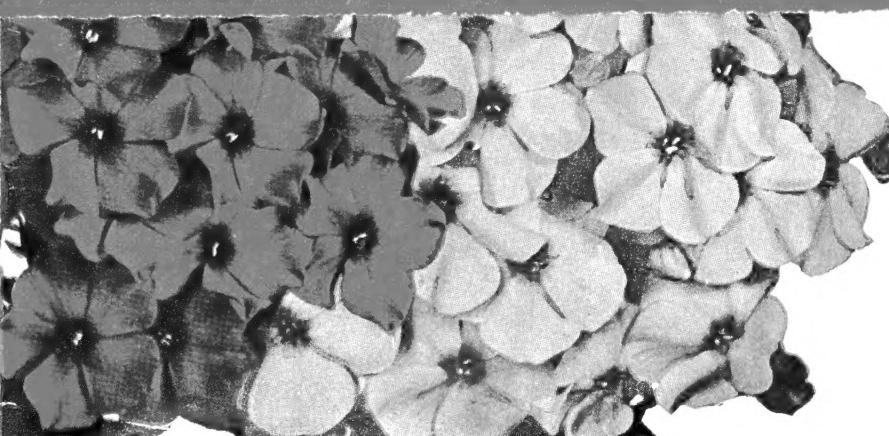
### DOUBLE TUBEROUS BEGONIA

Camellia-type blooms. Fast becoming the leading bulbous flower for moist semi-shaded areas, where most other plants fail. Also a favorite house plant. No other flower can equal them for exquisite beauty. They bloom continuously until frost, making a grand display all summer. Directions for indoor and outdoor culture included with order. Mixed colors.

**COMMERCIAL GRADE BULBS:** 4 for 60c, 8 for \$1.00, 24 for \$2.50 ppd.

**CHOICE MAMMOTH SIZE BULBS:** (Produce more and bigger breath-taking blooms, on larger, huskier plants): 2 for 60c, 4 for \$1.00, 12 for \$2.50 ppd.

**3 New Glads  
first time offered!**



### ORANGE GOLD

A new color marvel in gleaming golden orange. Opens 4 to 6 large florets on very tall spikes. A radiant display in garden or bouquet!

25c each, 3 bulbs 65c ppd.

### BEAUTY'S BLUSH

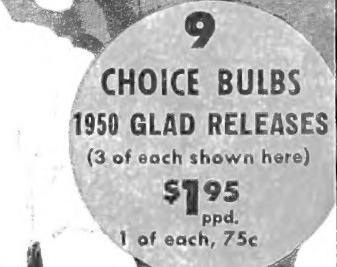
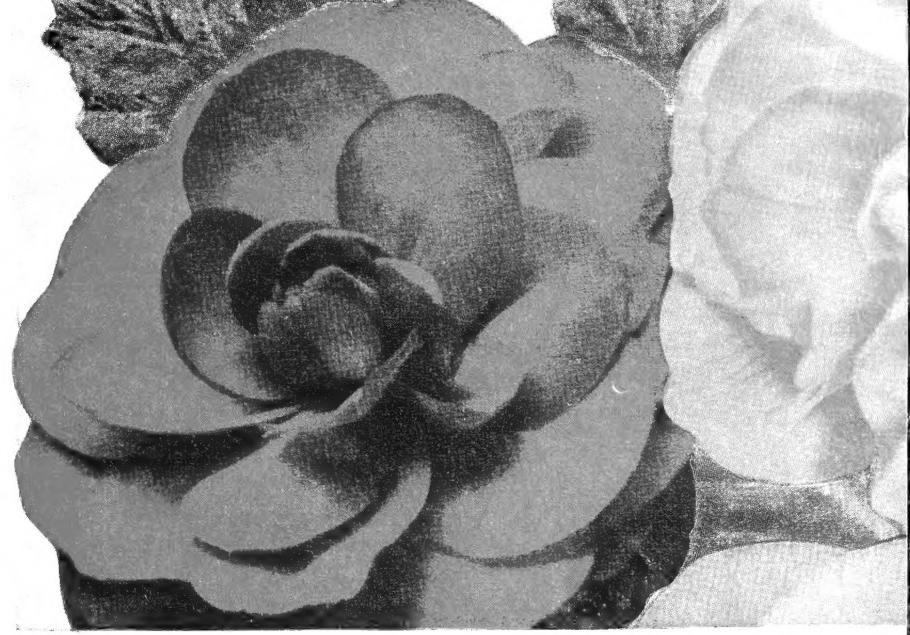
A superb new achievement in color, style and vigor. Opens 7 to 8 large white florets with delicate ruffled edge of blush pink. An elegant cut flower.

30c each, 3 bulbs 80c ppd.

### VELVET MANTLE

New glossy maroon with rich royal velvety texture and lustrous silken sheen. Opens 5 to 9 giant 1-inch florets on tall stately spikes. It's magnificent!

30c each, 3 bulbs 80c ppd.



**CHOICE BULBS  
1950 GLAD RELEASES**

(3 of each shown here)

**\$1.95**

ppd.

1 of each, 75c

# *For Canning and Quick Freezing*

## **FARIBO BRITTLE WAX BEANS**

(No. 34)—The finest in Wax Beans. Heavy loads of tender, succulent, butter-flavored, absolutely stringless beans. Ideal for table use, canning or freezing.

Big Pkt. 15c,  $\frac{1}{2}$  lb. 35c, 1 lb. 60c  
prepaid.

## **LOGAN GREEN BEANS**

(No. 13)—This new U.S.D.A. disease resistant, stringless bean bears heavily over a long season, even under adverse conditions. Appetizing, round, fleshy 7" pods.

Big Pkt. 15c,  $\frac{1}{2}$  lb. 35c, 1 lb. 60c  
prepaid.

**SELECTED  
Varieties  
That Keep  
Their Garden  
Flavor in  
Frozen Storage**

**6 BIG  
PACKETS  
HOME CANNER'S  
FAVORITES**

One of each shown here

**65¢  
ppd.**

## **LINCOLN PEAS**

(No. 472)—An old variety (also known as Homesteader) in which outstanding, quick-freezing qualities were recently discovered. Midseason. Long, curved pods with medium sized peas that retain color and flavor when frozen.

Big Pkt. 10c,  $\frac{1}{2}$  lb. 25c, 1 lb. 45c  
prepaid.

## **KANNER KING HYBRID SWEET CORN**

(No. 207)—Large, uniform ears, packed with tender golden kernels of high-sugar content. A main crop, heavy yielding hybrid of super quality for table, canning or freezing.

Big Pkt. 15c,  $\frac{1}{2}$  lb. 30c,  
lb. 50c prepaid.

## **DETROIT DARK RED BEETS**

(No. 85)—These smooth, uniform, attractive beets, with crisp flesh of deep oxblood red, are sweet and tender, without a trace of woodiness.

Pkt. 10c, Oz. 20c,  $\frac{1}{4}$  lb. 60c prepaid.

## **WISCONSIN "55" TOMATO**

(No. 737)—A better canner from U. of Wisconsin. Has most of the good features of Rutgers, but ripens earlier, fruits are larger yields heavier. Ripens evenly.

Pkt. 15c,  $\frac{1}{2}$  oz. 70c, oz. \$1.25 prepaid.

# Season 1950

Main Plant and General Offices



HOME OF MASTER FARMER SEEDS



# Our 62nd Year

Corn Drying Plant  
West 5th Street



FAMOUS FARIBO GARDEN SEEDS

## To All Our Friends - "Greetings"

Our 62nd year finds us stocked with the very newest proved and tested seeds, trees and plants science has given us. As always with us it's top quality and at direct from grower prices. Our sincerest thanks to all old customers for years of patronage and a hearty welcome to our new friends—Farmer Seed and Nursery Co., E. J. Kiekenapp, President.

### ORDERING MADE EASY

MOST ITEMS ARE PREPAID

Keep a copy of your order and check it when it arrives.

Write your name and address plainly.

Sending money. Post office money orders, postal notes, bank drafts or express money orders are always safe. Never send cash in a letter unless

registered. Doing so will be at your own risk.

Please do not send checks under \$1.00—send cash instead—carefully wrapped. Allow 10c exchange on all checks to cover charges by banks. We will include extra seeds to adjust.

### PARCEL POST SHIPMENTS

Packages weighing 70 pounds can be sent to all zones. Ten pounds or more beyond the 5th zone usually go cheaper by express.

Zone	Distance up to	Estimate	For First Pound	Each Pound Additional
1st & 2nd	150 miles	12c	2c	
3rd	150-300 miles	13c	3c	
4th	300-600 miles	14c	5c	
5th	600-1,000 miles	15c	6c	
6th	1,000-1,400 miles	16c	8c	
7th	1,400-1,800 miles	17c	10c	
8th	over 1,800 miles	18c	12c	

### FREIGHT AND EXPRESS SHIPMENTS

State whether you want freight or express shipment made. If yours is a prepaid station, full transportation charges must be sent with the order.

In estimating parcel post charges be sure to make allowances for packing. A fraction of a pound takes full pound rate. Faribault is 50 miles south of St. Paul.

## INDEX

<b>A</b>	Farm Seeds . . . . .	57-65	Muskmelons . . . . .	Back cover, 15. 72
Alfalfa . . . . .	Fertilizers . . . . .	16, 67	Mustard . . . . .	22
Apples . . . . .	Field Peas . . . . .	60	<b>N</b>	
Arasan . . . . .	Flax . . . . .	62	Nitragin . . . . .	5, 67
Asparagus . . . . .	Flower Pots . . . . .	69	Nursery Stock . . . . .	29-43
Barley . . . . .	Flower Seed . . . . .	49-56	No-Seed . . . . .	67
Beans, Garden . . . . .	Fruitone . . . . .	67	<b>O</b>	
Beets . . . . .	Fungicides . . . . .	67, 68	Oats . . . . .	63
Begonia . . . . .	Food Delicacies . . . . .	70	Onion Seed . . . . .	Back cover, 16-17
Berry Boxes . . . . .	Garden Books . . . . .	26, 51	Onion Sets and Plants . . . . .	16-17
Bird Repellent . . . . .	Garlic . . . . .	16	<b>P</b>	
Birds Foot Trefoil . . . . .	Girasol . . . . .	27	Paper Pots . . . . .	69
Blackberries . . . . .	Gladiolus . . . . .	1, 38, 44	Parsley . . . . .	19
Blueberries . . . . .	Gloves, Garden . . . . .	70	Parsnip . . . . .	19
Blue Grass . . . . .	Gooseberries . . . . .	31	Peanuts . . . . .	19
Boost 'Em Plant Starter . . . . .	Gopher Poison and Traps . . . . .	66	Peas, Garden . . . . .	2, 18
Boysenberry . . . . .	Gourds . . . . .	52	Pears . . . . .	32, 37
Broccoli . . . . .	Grape Vines . . . . .	31	Peat Moss . . . . .	16
Brome Grass . . . . .	Grass Seed . . . . .	48, 57	Peonies . . . . .	48
Buckwheat . . . . .	Ground Cherry . . . . .	25	Peppers . . . . .	19
Bulbs . . . . .	Hedge Plants . . . . .	43	Perennial Plants . . . . .	46, 47, 48
<b>C</b>	Herbs . . . . .	13	Phalaris . . . . .	57
Cabbage . . . . .	Hoe . . . . .	17, 69	Phlox Plants and Seed . . . . .	1, 47, 53
Cane . . . . .	Horse Radish Roots . . . . .	27	Pie Plant . . . . .	22, 27
Cannas . . . . .	Hotkaps and Hothouses . . . . .	69	Plant Bands . . . . .	69
Carrot . . . . .	Hybrid Seed Corn . . . . .	64, 65	Plant Food . . . . .	16, 67
Cauliflower . . . . .	<b>I</b>		Plant Protectors . . . . .	69
Celery . . . . .	Insect Repellent . . . . .	66	Plant Starter . . . . .	67
Ceresan . . . . .	Insecticides . . . . .	68	Plant Supports . . . . .	69
Cherries Inside Front Cover . . . . .	K		Plant Transplanter . . . . .	69
Chrysanthemums . . . . .	Kentucky Blue Grass . . . . .	57	Plums . . . . .	34, 36, 37
Clovers . . . . .	Kne Protectors . . . . .	70	Pocket Gopher Poison and Trap . . . . .	66
Corn Cutter . . . . .	Knife Grinder . . . . .	70	Pop Corn . . . . .	11
Corn, Field . . . . .	Kohlrabi . . . . .	13	Potatoes . . . . .	20
Creeping Bent . . . . .	L		Potato Sprout Inhibitor . . . . .	8, 17
Cucumbers . . . . .	Lawn Grass . . . . .	48	Pumpkin . . . . .	19
Currants . . . . .	Lettuce . . . . .	Inside back cover, 14	Pyrocide Dust . . . . .	12, 68
Cyanogas . . . . .	Lilacs . . . . .	41	<b>R</b>	
<b>D</b>	Lilies . . . . .	1, 45	Rabbit Repellent . . . . .	66
Dahlias . . . . .	M		Radish . . . . .	Inside back cover, 21
D. D. T. Insecticide . . . . .	Maggot Dust . . . . .	8, 17, 21	Rape . . . . .	60
Dill . . . . .	Mangels . . . . .	6	Raspberries . . . . .	Front Inside Cover, 30, 36
Dormatone . . . . .	Marjoram . . . . .	13	Red Top Grass . . . . .	57
Dog and Cat Repellent . . . . .	Midget Vegetables . . . . .	72	Reed Canary Grass . . . . .	57
Dusters . . . . .	Millet . . . . .	61	Rhubarb . . . . .	22, 27
<b>E</b>	Mole Killer and Traps . . . . .	66	Rodent Repellent . . . . .	66
Ear Worm Dust . . . . .	Moss Peat . . . . .	16	Rootone . . . . .	67
Egg Plant . . . . .	Mouse Trap . . . . .	66	Roses . . . . .	39, 71
Evergreens . . . . .			Rutabaga . . . . .	25
			<b>V</b>	
			Vegetable Plants . . . . .	17, 27
			Vegetable Spaghetti . . . . .	25
			Vetches, Blue Figure List . . . . .	
			Vines . . . . .	39
			<b>W</b>	
			Watering Devices . . . . .	16, 54
			Watermelons . . . . .	26, 72
			Weed Exterminator . . . . .	68
			Weeders . . . . .	69
			Weedone . . . . .	68
			Wheat . . . . .	62
			White Clover . . . . .	48

*Faribo Quality*

# VEGETABLE SEEDS

Will Make  
it  
*Easy*



*Big Value*

## VEGETABLE SEED COLLECTION

- GUARANTEED QUALITY
- BEST VARIETIES
- BIG SAVINGS

\$2.65 VALUE ONLY

16 VARIETIES

**\$1.98**

Postpaid

Catalog Value

1/2 lb. BEANS, Tendergreen Stringless	30c
1/2 lb. BEANS, Faribo Brittle Wax	35c
1 oz. BEETS, Detroit Dark Red	20c
1 pkt. CABBAGE, Early Golden Acre	10c
1 pkt. CARROT, Danvers Half Long	10c
1/2 lb. CORN, Early Golden Bantam	20c
1/2 lb. CORN, Golden Cross Bantam (midseason)	30c
1 pkt. CUCUMBER, Straight Eight	10c
1 pkt. LETTUCE, Grand Rapids	10c
1 pkf. ONION, Brigham Yellow Globe	10c
1/2 lb. PEAS, Little Marvel	25c
1 pkt. RADISH, Early Saxa	10c
1 pkt. SWISS CHARD, Lucullus	10c
1 pkt. SQUASH, Buttercup	10c
1 pkt. TOMATO, Firesteel (Early)	15c
1 pkt. TOMATO, Rutgers (Maincrop)	10c

CATALOG VALUES.....\$2.65  
YOURS FOR ONLY.....\$1.98

## ALL-SEASON BEAN COLLECTION

ONE Packet of EACH

Tendergreen Stringless  
Sure Crop Wax  
Baby Fordhook Lima  
Kentucky Wonder Pole Bean

**35¢**

Postpaid



New Ranger, good as Snap Bean or for baking

### MARKET GARDENERS:

Write for  
Quantity  
Prices.



18. RANGER—New and Different—The dual-purpose bean used for both green pods or for baking when ripe, this All American Winner is a favorite in the garden. Plants are half-runner, disease resistant and highly productive. Pods are stringless, long, round, tender and delicious. The seeds are pure white. Large pkt. 15c, 1/2 lb. 35c, lb. 60c, 5 lbs. \$2.25, pre-paid.

Garden Fresh Vegetables  
Taste Better  
Better For You  
Save You Money

## Green Pod BUSH BEANS

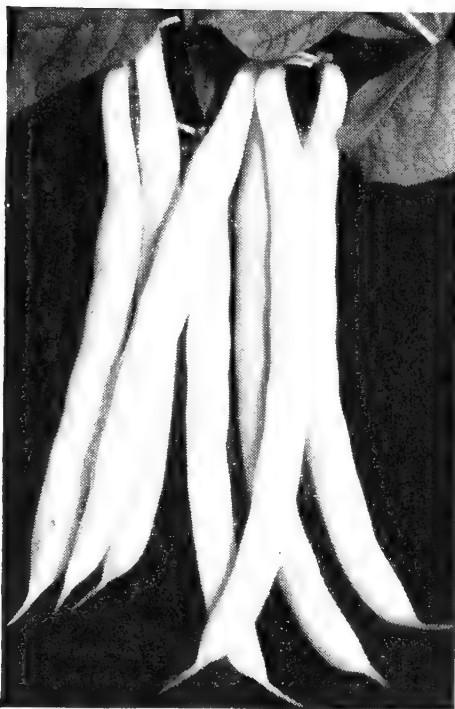
1 lb. plants 100 foot row

CULTURE—Beans should be sown after May 15th, when the ground is thoroughly warm. Make successive sowings, 2 weeks apart, for a supply of beans all summer. Sow in drills 15 to 30 inches apart, 2 inches deep, dropping the beans 3 inches apart in the row. Cultivate often, but shallow.

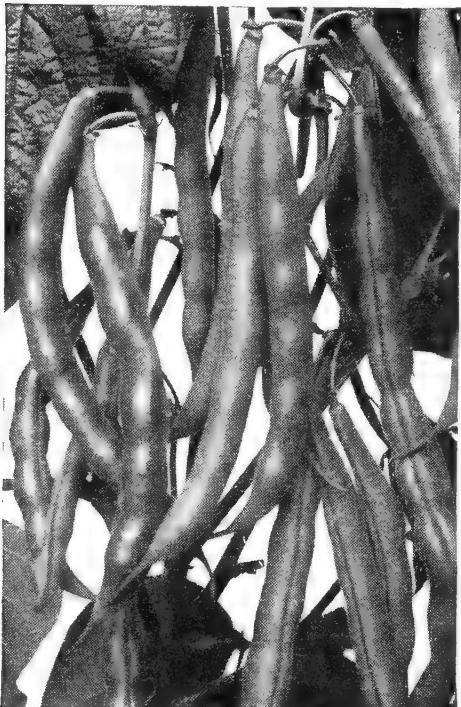
NOTE—Do not walk through, or pick beans when they are wet with dew or rain as touching the wet plants spreads the spores of anthracnose or bean canker from one plant to another.

# WAX POD BUSH BEANS

1 lb. plants 100 foot row. Cultural Directions on Page 4



Faribo Brittle Wax



Kentucky Wonder

## BEANS FOR BAKING AN APPETIZING MAIN DISH Easy to Grow in Your Own Garden

**53. MICHILITE**—An improved navy bean introduced by the Michigan Agricultural Station. Resistant to mosaic and bacterial blight. Vines similar to navy. Seed glossy white, small, full oval shape. Large pkt. 10c, 1/2 lb. 25c, lb. 40c, 5 lbs. \$1.85, prepaid.

**54. GREAT NORTHERN**—Better for baking and cooking than any navy bean, as it cooks in two-thirds of the time, and is of much better flavor. Beans are larger than common navy beans. Large pkt. 10c, 1/2 lb. 25c, lb. 40c, 5 lbs. \$1.85, prepaid.

**55. ROBUST**—Plants are of decidedly robust growth. Beans are clear white. Large pkt. 10c, 1/2 lb. 25c, lb. 40c, 5 lbs. \$1.85, prepaid.

**33. CHEROKEE**—An early, new waxbean with almost straight 5-6 inch pods, semi-round, stringless, free of fiber, tender and of high quality. Seeds: black. Large pkt. 15c, 1/2 lb. 35c, lb. 60c, 5 lbs. \$2.00, prepaid.

**34. FARIBO BRITTLE WAX**—(52 days). Tender, succulent, buttery-flavored beans for table use, canning, or winter shell beans. Attractive 6 inch lemon-yellow pods are absolutely stringless. Seed: white, kidney shaped. Large pkt. 15c, 1/2 lb. 35c, lb. 60c, 5 lbs. \$2.00, prepaid.

**35. TOP NOTCH GOLDEN WAX**—(50 days). These rich yellow pods are strictly stringless, nearly flat and quite broad. Seed resembles the well known Golden Wax, but pods are an inch longer. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.00, prepaid.

**36. BLACK PENCIL POD WAX**—(52 days). A heavy yielder of golden yellow 7 inch pods, round, fleshy, tender, brittle, flavorful, and absolutely stringless. Seeds: solid black. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.00, prepaid.

**37. SURE CROP STRINGLESS WAX**—(53 days). Popular with truckers and shippers. Resistant to blight and rust. Bears heavily even in dry sections. Golden yellow 6 1/2 inch pods are flat, brittle, strictly stringless, of fine texture. Seeds: oval, jet black. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.00, prepaid.

**38. PUREGOLD**—(59 days). A high yielding, All-America Winner. The 5 1/2 inch golden yellow pods are slim and round with tender, brittle flesh of excellent quality. Ripens over a long period. Seed: white with brown eye. Large pkt. 15c, 1/2 lb. 35c, lb. 60c, 5 lbs. \$2.00, prepaid.

## POLE SNAP BEANS

One pound plants 200 hills. Plant hills 3 feet apart each way sowing 4 to 6 beans to a hill. Stake with poles 7 feet high.

**46. KENTUCKY WONDER**—(65 days). (Old Homestead.) The most popular pole bean grown. A splendid canner. Will bear heavily all summer if kept picked. Pods are 8 inches long, silvery green, practically round, of good quality and very brittle. Seeds are buff brown. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.45, prepaid.

## RED KIDNEY BEANS

**64. RED KIDNEY OR CHILI BEAN**—(95 days). Everyone likes the delicious, tangy flavor of hot Mexican Chili Con Carne! Anyone can grow these delicious red Chili Beans. They are of excellent quality for dry bean use. Pods: 6 inches long, flat, waxy green. Seeds: reddish brown. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.00, prepaid.

## BUSH LIMA BEANS

**CULTURE**—Plant in rows 15 to 30 in. apart in rich soil, 6 to 10 inches apart in the row. Plant 3 inches deep. 1 lb. plants 100 ft. of row.

**73. BABY FORDHOOK**—(72 days). Thick-seeded or potato type beans, dry, mealy, and of delicious flavor, on 14 inch bush type plants. Excellent for canning or freezing. Thick pods, 3/4 inch wide and 2 1/4 inches long, contain 3 or 4 beans. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.00, prepaid.

**75. TRIUMPH**—A recent All-American Winner from U.S.D.A. Sets small "Baby Fordhook Type" pods, even in hot weather, when others drop their blossoms and fail. Short, very thick green beans which turn white slowly. Rated very high for canning or freezing. Large pkt. 10c, 1/2 lb. 35c, lb. 60c, 5 lbs. \$2.00, prepaid.

**72. PEERLESS**—A new U.S.D.A. release, noted for its high yield, color, and edible quality. Large "Fordhook type" crown pods mature evenly, contain very thick, meaty, greenish-white beans. Large pkt. 15c, 1/2 lb. 35c, lb. 60c, 5 lbs. \$2.00, prepaid.

**74. BURPEE'S IMPROVED**—(75 days). Of excellent quality and luscious flavor. Four inch pods 1 1/4 inches wide, contain 4 to 5 large, plump, wrinkled white seeds with greenish tinge. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.00, prepaid.

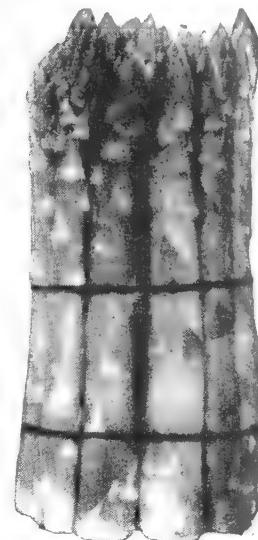
**76. FORDHOOK 242**—(75 days). This new large-seeded Fordhook strain also produces heavier yields in hot weather. Thick, meaty beans are excellent eaten fresh, canned or frozen. Pods are 3 to 4 inches long, contain 3 to 4 thick, pale-green beans. Large pkt. 10c, 1/2 lb. 30c, lb. 55c, 5 lbs. \$2.00, prepaid.

## ASPARAGUS SEED

1 ounce of seed will sow about 100 feet of drill. Leaflet on Asparagus Culture Free Upon Request

**4. PARADISE**—Produces a normal crop one year earlier than other varieties and gives heavier production throughout its life. Large, crisp, tender stalks of exceptionally fine, mild flavor. Only 6 to 8 stalks required to the pound. The seed should be planted very thinly in seed beds the first season. Pkt. 10c, oz. 25c, 1/4 lb. 90c, lb. \$3.50, prepaid.

**5. WASHINGTON**—Rust-Resistant. Developed by experts of the U. S. Dept. of Agriculture, who originated this strain. The stalks are dark green with purplish tips. Very large, straight and of superb quality. The leading variety grown by market gardeners. Pkt. 8c, oz. 20c, 1/4 lb. 70c, lb. \$2.50, prepaid.



Paradise

## FOR ASPARAGUS ROOTS (SEE PAGE 27)

## S P E R G O N

New Non-poisonous Seed Protectant

Recommended by State and University Experiment Stations for Use on Beans, Peas, Corn and Lima Beans.

Growers report an increase in yield of over 35% from Spergon treated seeds. Spergon kills harmful soil fungi and bacteria—prevents decay and damping-off, especially in cold, wet weather. Spergon assures better germination of seed and produces healthy, vigorous plants that give better yield. (Can be used with Nitragin).

Price: 1-oz. package 25c, 5-oz. package \$1.00, prepaid.

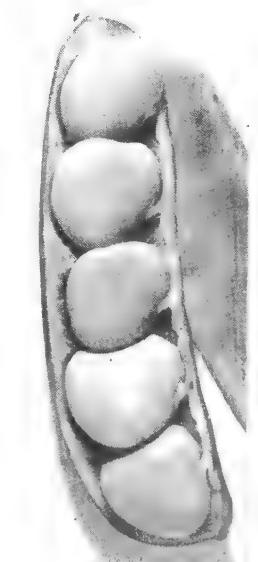
## For Bigger & Better Crops

### USE NITRAGIN



Garden Size Packet  
for Inoculating  
PEAS, BEANS and  
SWEET PEAS.

(Will treat 8 lbs.  
of seed.) 15c



Triumph

# Tender Young TABLE BEETS

Sweeter—more Delicious Fresh from Your Garden

Sow 1 oz. to 100 ft. of row—4 to 6 lbs. per acre

**CULTURE**—Sow in drills 14 to 18 ins. apart and one inch deep, as early as the ground can be worked; continue for a succession as late as the middle of August; when the plants are large enough, thin out to stand three inches apart. To eradicate maggots use Maggot Destroyer. See page 17 for prices.

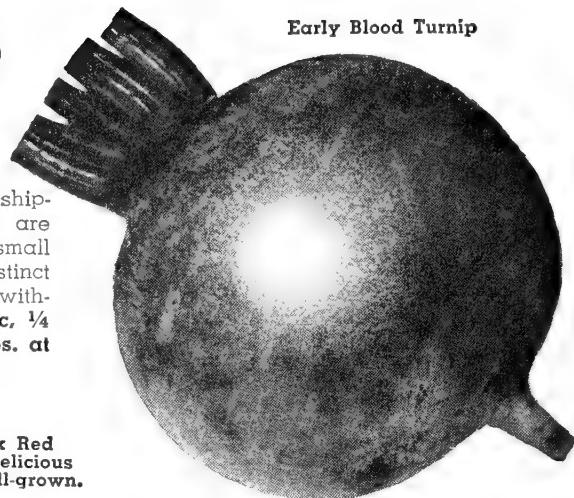
**82. EARLY WONDER**—(54 days). First on the early market. A splendid shipping variety. Roots are blood red with small taproot. Flesh is blood red with lighter zones, tender and of good quality. Tops are medium small. Pkt. 10c, oz. 20c, 1/4 lb. 60c, lb. \$2.10, prepaid. Not prepaid, 5 lbs. at \$1.90 per lb.

**84. EARLY WONDER TALL TOP**—The Dual-Purpose Beet. Plenty of "tops" for greens as well as finest quality roots for table use. Gardeners like this very early beet with its smooth skin, uniform semi-globe shape and its deep red flesh, which is particularly tender and sweet. Very popular for canning whole. Pkt. 10c, oz. 20c, 1/4 lb. 60c, lb. \$2.10, prepaid. Not prepaid, 5 lbs. at \$1.90 per lb.

**85. DETROIT DARK RED**—(62 days). The outstanding late variety for truckers produce shippers, canners and home gardeners. Roots are globular, smooth, uniform, attractive, with small taproot. Flesh is deep ox-blood red, with indistinct zones. Splendid quality, sweet and tender, without any trace of woodiness. Pkt. 10c, oz. 20c, 1/4 lb. 60c, lb. \$2.20, prepaid. Not prepaid, 5 lbs. at \$2.00 per lb. (Color photo page 2.)



Early Blood Turnip



**87. EARLY BLOOD TURNIP**—(68 days). One of the best for home use or for market gardeners. Tops medium small, but fairly coarse. Roots turnip-shaped; dark red. Flesh bright red with zones of lighter shade. Pkt. 8c, oz. 15c, 1/4 lb. 60c, lb. \$1.90, prepaid. Not prepaid, 5 lbs. at \$1.75 per lb.

Swiss Chard or Spinach Beet  
See page 22

## MANGELS or Stock Beets

Sow 1 oz. to 100 ft. of drill, 5 lbs. per acre

Mangels are the most important of all root crops for feeding livestock. Palatable, easily digested and highly nutritious, both Dairy Farmers and Poultry Raisers find them a valuable winter feed for cattle and poultry. They increase the flow of milk when fed to cattle; they keep hens healthy and stimulate egg production. They should be fed at the rate of 25 lbs. to 100 hens per day, with grain. Mangels are easily stored for winter, in root cellars or outdoor pits.

**CULTURE**—Sow at corn planting time—in drills 2 to 2 1/2 feet apart, on rich moist land, the seed should be planted an inch deep; on dry and sandy soil it must be planted 1 1/4 to 1 1/2 inches deep. Thin out to stand 8 inches apart in row.

## SUGAR BEETS

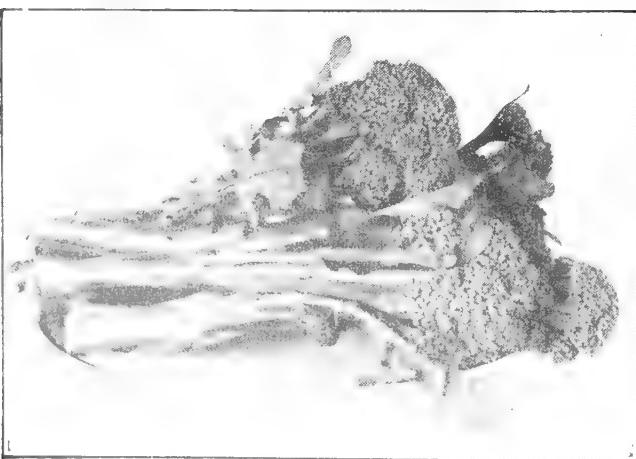
**99. KLEIN WANZLEBEN**—U. S. No. 1 Strain—The most popular variety for sugar manufacture on account of high sugar content; also good for stock feed. Roots are long, with white skin and flesh. Oz. 15c, 1/4 lb. 40c, lb. \$1.35, prepaid. Not prepaid, 5 lbs. at \$1.25 per lb.

Ask for free leaflet, "How to Produce Your Own Sugar and Syrup from Sugar Beets."

Treat your seed for Disease Control before planting. Use ARA-SAN, a chemical powder that sterilizes both seed and soil, and insures better germination and healthier seedlings. See page 67.

**Don't do Without these  
Table Delicacies  
As easy to grow as Cabbage  
BROCCOLI**

**102. EARLY GREEN SPROUTING**—(Calabrese).—Famed for its tender, delicious flavor and healthful qualities. Cultivated like cabbage, it bears a succession of sprouting heads which, if kept cut, will be replaced by others for 8-10 weeks. Each sprout, about 5 inches long, ends in a small head of deep green buds. Should not be cooked longer than 15-20 minutes or the delicate flavor will be destroyed. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.



Broccoli



Brussels Sprouts

**104. BRUSSELS SPROUTS**—A delicious vegetable for fall and early winter use. The plant stalks are covered with small cabbage-like sprouts, tender and succulent. The flavor is improved by a touch of frost. Requires the same method of culture as late cabbage. Pkt. 10c, 1/2 oz. 40c, oz. 70c, prepaid.

Golden Acre, an attractive variety for early markets



CABBAGE PLANTS:  
page 27.

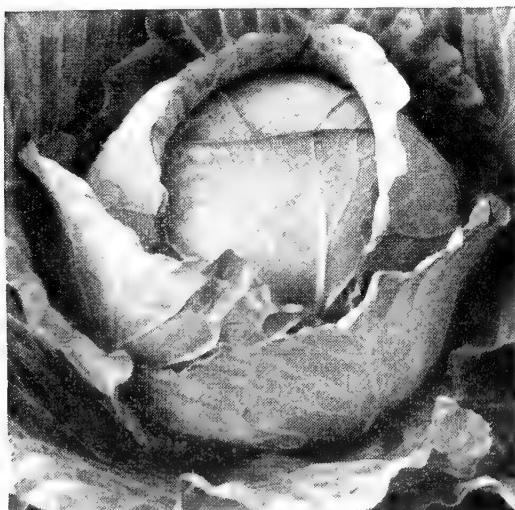
## EARLY CABBAGE

**111. EARLY JERSEY WAKEFIELD**—(62 days). Extra early small plants with short stems—permitting close setting in the row, and hard, compact pointed heads of splendid quality. Head: 5 inches thick, weighs 2 to 2½ lbs., small, compact, conical, 7 inches long. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**

**112. EARLY GOLDEN ACRE**—(62 days). An extra early Copenhagen type, with small round solid heads maturing with Jersey Wakefield. Weight about 3 lbs. High quality for early market. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**

**114. EARLY DWARF FLAT DUTCH**—(71 days). A fine medium early sort, a dependable header and good keeper. Withstands heat. Head nearly round, weight 4.5 lbs. Plant small with short stem. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**

**115. GLORY OF ENKHUIZEN**—(75 to 80 days). A second early sort particularly valuable for kraut. A good shipper. Head: 8 inches thick, weighs 5 to 8 lbs., large, round, solid, with few outer leaves, of excellent quality. Stem: medium short. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**



Penn State Ballhead

## RED CABBAGE

**129. MAMMOTH RED ROCK**—(98 days). The largest and best of the red cabbages. Of superior quality and an excellent keeper. Head: 7 inches thick, weighs 7 to 8 lbs., round, extremely hard, color purplish red. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**

# Fine CABBAGE SEED

One ounce will produce about 2,500 plants. **1/4 oz. of seed for 100-foot row.**

**CULTURE**—The best way to start cabbage, especially the early sorts, is in hotbeds, flats, or in a greenhouse. Sow the seed ½ inch deep, in carefully prepared rich garden soil. Seed usually germinates in 5 to 10 days. When ready to transplant, set into paper pots or plant bands, in flats, until time to set outdoors. The plants can then be set out without disturbing the roots, and the paper bands form the best protection against cutworms. Set in rows 2 to 3 feet apart, 20 inches apart in the rows. Late cabbage may be sown in the open, in rows, and transplanted when 4 to 6 inches high.

### A NEW SERVICE TO MARKET GARDENERS!

On request with your order for 1 oz. or more of Cabbage, Cauliflower, Turnip, Broccoli, Brussels Sprouts, Kohlrabi, or Rutabaga seeds, we will Hot-water treat seeds according to the newest recommendations of Minnesota Experiment Station for prevention of Black Rot, Blackleg and other seed-borne diseases.

## YELLOW RESISTANT VARIETIES

**116. JERSEY QUEEN**—(62 days). If you want an early, pointed head, and if you have cabbage-yellows infection in your soil, grow this variety. Exactly like Jersey Wakefield except it is resistant to yellows. Fine for cole slaw, salads and for boiling. **Pkt. 15c, oz. 60c, ¼ lb. \$2.00, prepaid.**



Early Jersey Wakefield

## LATE OR WINTER CABBAGE

**123. PREMIUM LATE FLAT DUTCH**—(100 days). Slow growing, sure heading, of immense size and splendid quality. A favorite for market growing or for winter storing. Head: 10 to 12 inches thick, 7 inches deep, weighs 12 to 14 lbs.; extremely large, flat and solid. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**

**124. DANISH BALLHEAD (TRUE HOLLANDER)**—(105 days). Exceptional flavor, crisp and tender. Survives both cold and dry-hot weather. Keeps all winter. Head: White, 8 inches thick, weighs 6 to 7 lbs., round, extremely solid, does not burst. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**

**125. PENN STATE BALLHEAD**—(110 days). Heaviest yielder and most uniform of all. Especially desirable for winter storage and for kraut. Heads: Large, attractive, flattened globe-shape. Extremely hard. Weighing 15-20 lbs. each. Shows resistance to blackleg. **Pkt. 10c, oz. 45c, ¼ lb. \$1.50, prepaid.**

**118. WISCONSIN "ALL SEASONS"**—(90 days). An excellent kraut and winter keeping sort—valuable in areas infested with "Cabbage Yellows"—also resistant to wilt and will survive heat and drought. Head: 11 inches thick, 8 inches deep, weighs 9 to 10 lbs. **Pkt. 15c, oz. 60c, ¼ lb. \$2.00, prepaid.**

**119. HOLLANDER, WISCONSIN 8**—(100 days). A splendid late cabbage for storage, shipment and kraut manufacture. A heavy yielder on land infested with yellows disease. Head: 8 inches thick, weighs 8 lbs., large, almost globe shaped, very firm. **Pkt. 15c, oz. 60c, ¼ lb. \$2.00, prepaid.**

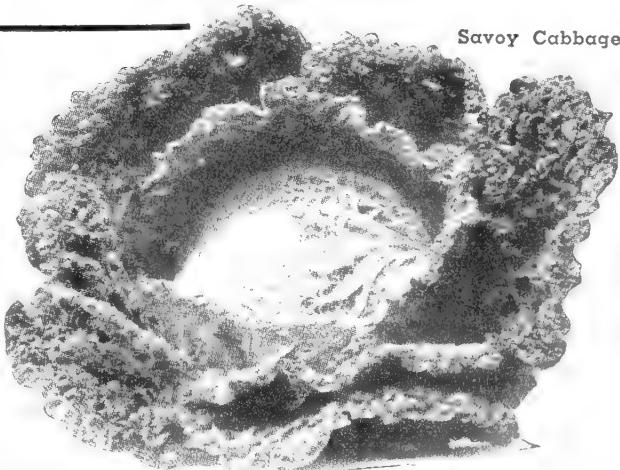
**120. DETROIT RESISTANT**—(64 days). The earliest round-headed yellows-resistant cabbage. Plants are short-stemmed, erect, with few outer leaves. Heads: 5½ inches deep and 6 inches in diameter. Remarkably uniform. Highly resistant on "yellows"-infested land. **Pkt. 15c, oz. 60c, ¼ lb. \$2.00, prepaid.**

**121. PREMIUM LATE FLAT DUTCH YELLOWS RESISTANT**—(100 days). Same as the famous Premium Late Flat Dutch except this strain is Yellows Resistant. **Pkt. 15c, oz. 60c, ¼ lb. \$2.00, prepaid.**

## SAVOY CABBAGE

Savoy Cabbage is not often seen in the market, and by growing it yourself, you have something unusual—superior in quality, delicate in flavor.

**128. SAVOY PERFECTION**—The head is medium in size, with rich, dark green leaves, deeply crumpled. The flavor is sweet and delicious at any season, but it is never at its best until touched by frost. An excellent keeper and the tenderest of all cabbages. Used raw in salads and cole slaw, or cooked, the flavor is superb. **Pkt. 10c, oz. 40c, ¼ lb. \$1.25, prepaid.**



# CARROTS are Rich in Food Value

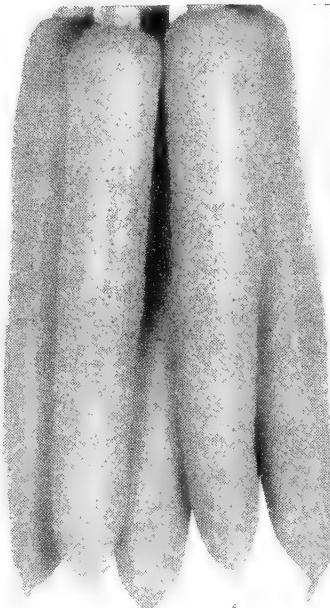
One-half ounce will sow 100 feet of row, 3 to 4 lbs. per acre



141 - Nantes Coreless

## NANTES CORELESS

**141. NANTES CORELESS**—(68 days). Clean-skinned and smooth, of a rich, bright orange color, its appearance alone wins favor for it wherever grown. The flesh is crisp, tender and practically coreless, with a very delicate flavor. Roots about 6 inches long; tops very small. Excellent for forcing as well as for home and market garden. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$2.65, prepaid.



143 - Touchon - 10c Pkt.



149 - Red Core Chantenay

## Superior Carrot COLLECTION

141—Nantes Coreless

143—Touchon

149—Red Core Chantenay

156—Imperator

1 pkt. each of above... **34¢**

One ounce of each for 90c

All Prepaid

## CARROTS For Stock Feeding

**CULTURE**—Sow seeds in drills 3 feet apart, using about 4 pounds per acre. Large yield from small pieces of ground. Tonnage per acre enormous. May be used for cattle or poultry.

**159. YELLOW BELGIAN**—(95 days). A heavy cropper, easily harvested. Best results in deep soil. Sow 4 pounds to the acre. Roots: 10 to 14 inches long, 3 to 4 inches thick at top; skin: green above ground, pale yellow below. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 70c, lb. \$2.65, prepaid.—Not prepaid, lb. \$2.50.

**POUND \$2.65 Prepaid**

## DORMATONE

Prevents Sprouting of Root Crops. Prevents sprouting, softening and shriveling of potatoes, carrots, turnips and rutabagas in soil. 12 oz. treats 8 $\frac{1}{4}$  bu. or use 1 $\frac{1}{2}$  oz. per bu. Complete directions for use with each package. 12 oz. sifter can \$1.00, ppd.

**CULTURE**—Carrots will grow in any soil, but sandy, deep loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about one-half inch. Plants should be thinned to two, three, or even four inches apart in the row.

Stones, fresh manure, clods of soil or lumps of manure cause poor forked roots, and failure to thin young plants leads to twisted inferior roots. Deeply prepared uniform friable soil produces clean, well developed roots.

**TO MARKET GARDENERS**—Special prices to Market Gardeners on vegetables seeds in quantity. Write for Market Gardener price list—it's free.

## TOUCHON

Excels in Flavor and Tenderness

**143. TOUCHON**—(70 days). The exquisite flavor of tender young carrots is retained by this variety even when grown to full size. Similar to Nantes in shape, but a little longer. Tops small. The flesh is bright orange, tender, crisp and sweet; the core small and inconspicuous. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$2.65, prepaid.

### Use "NOMAG" MAGGOT DESTROYER and RID Your Garden of ROOT MAGGOTS

Protect your crops. Use Maggot Destroyer on Carrots, Onions, Radishes and Turnips, to eradicate root maggots. Simple to apply. Full directions with order.

**8-oz. CAN 60¢ Post paid**



156 Imperator Pkt. - 10c

## IMPERATOR

Evenly Tapered—Ideal for Bunching

**156. IMPERATOR**—(77 days.) An elongated Danvers type, developed to meet the demand for a long, smooth, handsome carrot. Increasingly popular for the home garden and also for market and roadside stands. Roots 7 to 8 inches long, slightly tapering and just enough top to bunch well. Deep orange all through, very tender and sweet. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 90c, lb. \$2.50, prepaid.

## THREE QUALITY CARROTS Popular with Home and Market Gardeners And Much in Demand by Canners

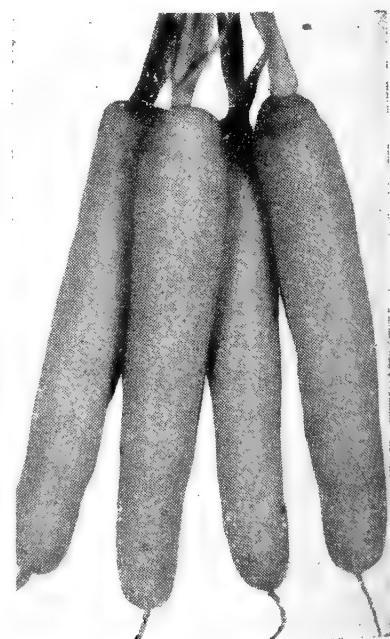
**149. RED CORE CHANTENAY**—(72 days). Possesses all the fine qualities of its parent, Chantenay, but has a deeper, richer color, which gives the beautifully shaped roots an even more attractive appearance. Average length of roots, about 5 inches. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 90c, lb. \$2.50, prepaid.



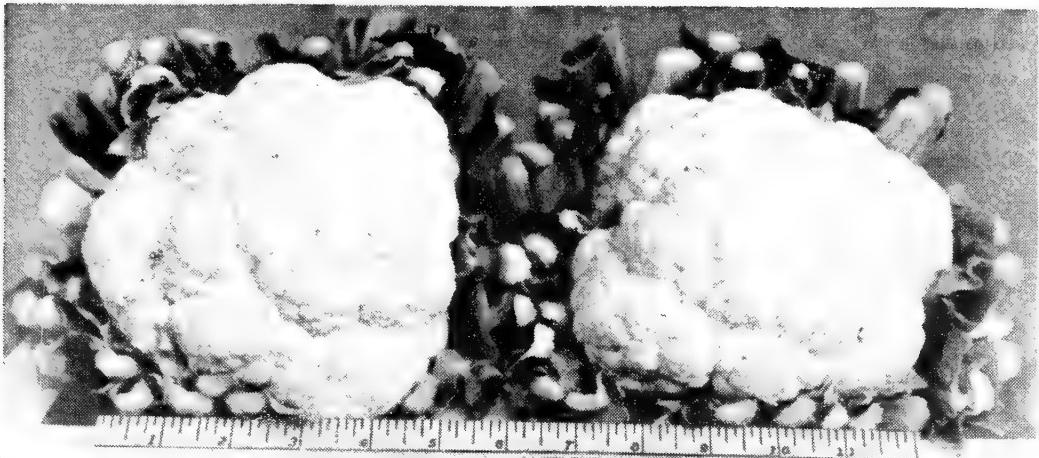
149 - Red Core Chantenay

**151. DANVERS HALF-LONG**—(75 days.) A handsome, cylindrical, stump-rooted carrot of a rich bright orange color throughout. About 6 inches long, smooth, with very little core; of excellent table quality. A heavy yielder it is easily harvested and stores well. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 90c, lb. \$2.50, prepaid.

**MARKET GARDENERS  
WRITE FOR SPECIAL  
PRICE LIST FOR VEGETABLE SEEDS IN QUANTITY.**



145 Chantenay Pkt. 10c



## CAULIFLOWER *White and Purple*

One ounce of seed will produce 1,500 plants. Four to five ounces transplant one acre.

**CULTURE**—The same methods that produce good cabbage will grow good cauliflower. The only great difference is that cauliflower heads must be protected from sunlight so as to make

**166. SUPER SNOWBALL**—(52 days). This is an extra early strain of the Snowball type. Besides being extra early, the heads of "flowers" mature with greater uniformity, making it possible to harvest a large percentage of the crop in the first cutting. The plants are vigorous and strong, the leaves are well folded or curled over the heads, which are large, uniform in size, deep and solid. Pkt. 20c,  $\frac{1}{4}$  oz. 85c,  $\frac{1}{2}$  oz. \$1.50, oz. \$2.50, prepaid.

**167. EARLY SNOWBALL**—(55 days). Most widely used early variety. Plants are dwarf with short, pale green leaves. A dependable header. Although extra early, it can be planted for late fall and winter use. There is none to equal it in value for forcing under glass for a winter crop. Head: 6 to 7 inches thick, of medium size, firm, compact, solid, pure white, and of finest quality. Pkt. 15c,  $\frac{1}{4}$  oz. 75c,  $\frac{1}{2}$  oz. \$1.35, oz. \$2.00, ppd.

sure of the desirable white curd. Gather the tops of the leaves together loosely as soon as the heads begin to form. In shutting off the light, it is important not to cramp the heads.

**169. PURPLE CAULIFLOWER**—(70 days). Large, compact heads of a beautiful purple color, surrounded by attractively crinkled dark green leaves. Of superior flavor and excellent quality. In cooking, the purple color changes to an attractive green. The seed may be started early under glass, or sown outdoors in June. Purple Cauliflower is quick-growing and disease-resistant. Pkt. 25c,  $\frac{1}{4}$  oz. 95c,  $\frac{1}{2}$  oz. \$1.70, oz. \$2.95, prepaid.

### A NEW SERVICE TO MARKET GARDENERS!

On request with your order for 1 oz. or more of Cabbage, Cauliflower, Turnip, Broccoli, Brussels Sprouts, Kohlrabi, or Rutabaga seeds, we will Hot-water treat seeds according to the newest recommendations of Minnesota Experiment Station for prevention of Black Rot, Blackleg and other seed-borne diseases.

## CRISP TENDER TABLE CELERY

One ounce of seed will produce 2,500 Plants.

**CULTURE**—Sow the seed in flats, during February or March. Celery seed germinates slowly and the surface of the soil must be kept constantly moist. Cover the seed very lightly, with fine sand rather than with soil, to prevent a hard surface. When plants are

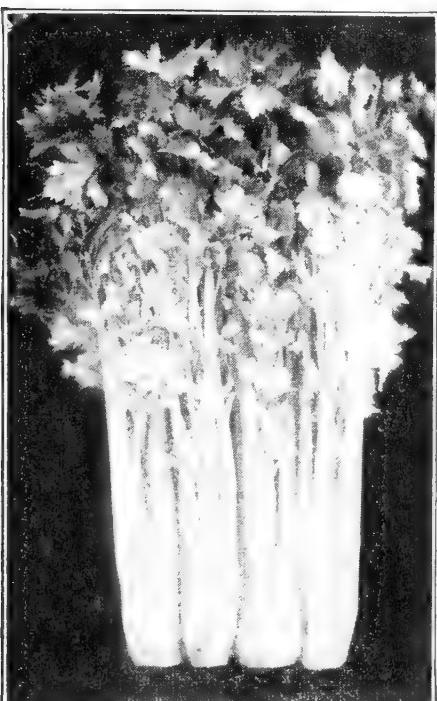
2 or 3 inches high, transplant them to other flats. In May, set them out in rows 3 feet apart, 6 inches apart in the rows. Requires rich soil and an abundance of water during the growing season.

**180. SUMMER PASCAL**—Of finest quality, Summer Pascal produces stems so thick and tender, that even the unblanched outside stalks are surprisingly fine. They have a rich full nutty flavor seldom found in celery. The plant is not tall, but sturdy and robust, with stems to the first joint exceptionally long, (8 to 9 in.) Bleaches to a pure white. Pkt. 10c,  $\frac{1}{2}$  oz. 50c, oz. 90c, prepaid.

**181. CORNELL NO. 19**—A new celery developed by Cornell University. Cross was made between Utah and Golden Self Blanching, which combines the qualities of Pascal type with the early self blanching character and color of Golden Self Blanching strains. Averages 18 to 20 inches, hearts long and full, stems thick, round and smooth. Excellent quality. Pkt. 10c,  $\frac{1}{2}$  oz. 50c, oz. 90c, prepaid.

**182. SELECT GOLDEN SELF BLANCHING**—(118 days). Best for early table use, and most popular for market. Bleaches as well as any yellow variety. The plants grow to medium size, and are stocky and compact. The heart is rich golden yellow, with light yellowish green outer stalks and leaves. Stalks are broad and heavy, but remarkably crisp and tender, entirely free from stringiness and of fine flavor. Pkt. 10c,  $\frac{1}{2}$  oz. 50c, oz. 90c, prepaid.

**184. UTAH EARLY GREEN**—A very desirable green type. The stalks are medium broad, rounded, thick and solid. The plant is stocky, full hearted and compact and blanches readily. Quality and flavor are exceptionally good. Pkt. 10c,  $\frac{1}{2}$  oz. 40c, oz. 70c, ppd.



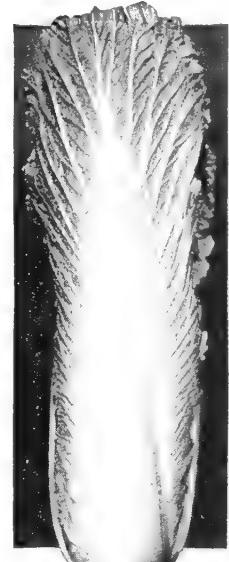
Golden Self Blanching Celery

## CHINESE CABBAGE

Also known as  
Celery Cabbage

A fine vegetable when cooked but especially delicious as a salad.

**131. CHIHILI**—Early growing and sure heading, resembling Cos Lettuce, producing large, solid white heads, long and pointed at the top. Leaves are broad, compact, tightly folded and beautifully white and very crisp. Sow after July 1st to avoid flowering. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, prepaid.



Chihili

**138. MICHIHILI**—A new improved strain of Chihili. The plants are slightly larger and more uniform in growth. The heads are 18 to 20 inches long, tapering from a four inch base, very compact, white tinted with green, excellent quality. Pkt. 15c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50, ppd.

**139. CHINESE CELERY CABBAGE FOR POULTRY**—A cheap, green feed of great value for poultry, more productive than lettuce, spinach or mangels. Sow the seed in rows  $\frac{1}{2}$  inch deep and 24 inches apart, using 3 lbs. seed per acre. An ounce of seed will provide green feed for 100 hens for 4 months. Commence feeding Chinese Cabbage when plants are 4 inches high, pulling out every other plant. Plants form heads of 5 to 7 lbs. in 2 months, which can be stored until wanted. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 70c, lb. \$2.60, prepaid.



## CELTUCE

A NEW VEGETABLE

**Culture**—Same as for lettuce

**Combines the uses and flavors of celery and lettuce.**

**190. CELTUCE**—The plants grow quickly, forming a rosette of light green leaves, which when young, may be used as lettuce or boiling "greens." In less than 90 days the stalk is ready for use. The leaves must be removed and the stalks peeled of their tough outer skin. The heart is pale green, crisp and succulent—delicious served raw like celery, or cooked. The flavor, though suggestive of celery, is different and milder. A first sowing of seed should be made as soon as the ground can be worked in spring, and successive sowings at 10-day intervals to provide a continuous supply throughout the season. Pkt. 15c,  $\frac{1}{4}$  oz. 30c,  $\frac{1}{2}$  oz. 55c, oz. \$1.00, prepaid.

# HYBRID SWEET CORN

## For More Abundant Yield

1/4 lb. plants a 100 foot row—1 lb. plants 200 hills—12 to 15 lbs. per acre.

**CULTURE**—A rich warm soil will give best results. Work soil thoroughly before planting. Plant in hills 3 to 3 1/2 feet apart each way, or sow in rows 3 1/2 feet apart, placing the seed about 8 inches apart in the rows. Plant as soon as danger of frost is past; for succession, plant every two weeks until July. Give frequent and thorough but shallow cultivation.

**201. EARLY GOLDEN 113**—(65 days). We recommend this for your first Early Hybrid. Ears are 8 to 10 inches long, well-filled and uniform, with deep, tender kernels of good flavor. Similar to Minhybrid 202 in plant and ear size, but excelling it in earliness.

**MINHYBRID 202**—Five days earlier than normal Bantam but still surpassing it in both quality and yield. Produces 15,000 marketable ears per acre! Fancy quality, extra tender, with high sugar content. Ears: 6 to 8 inches long, 8-rowed, with a few ears 10-rowed; Kernels medium, large, yellow. All ears mature uniformly. Prices below.

**204. GOLDEN CROSS BANTAM**—(84 days.) An extra heavy yielding Golden Bantam hybrid favored by the leading canning factories. Famous for its large ears, uniformly filled with tender golden kernels of high sugar content. Well adapted to market growing. Stalk 6 ft. high, ears 8 inches long, 10 to 14-rowed. Prices below.

**205. IOCHIEF**—(86 days). Iowa State's new main crop hybrid. Ears are 14-16 rowed, as large as Golden Cross Bantam, but mature 3 days later, and remain edible longer. Plants grow a foot taller. Deep kernels are golden yellow, sweet and tender. Iochief's extremely high cutting percentage makes it the ideal canner. Highest yielder in both dry and wet year trials.

**206. FARIBO GOLDEN SUGAR** (70 days). A medium early yellow hybrid with attractive creamy yellow ears of good size, uniform, and of excellent quality that rivals main crop varieties. A delicious on-the-cob eating corn and an ideal canner or freezer. A good profit-maker for market growers. Sturdy 5 ft. stalks resist bacterial wilt. Long, plump tapering ears carry 10 to 14 rows. Prices below.

**207. KANNER KING**—(85 days). A main crop hybrid of superb quality for market, canning or freezing. Large, uniform 8-inch ears, packed with 12-14 rows of rich yellow kernels. Prices below.

### PRICES OF ALL HYBRID SWEET CORN

Your choice any Hybrid variety listed above. Pkt. 15c, 1/2 lb. 30c, lb. 50c, 5 lbs. \$2.30, prepaid.

### SUMMER LONG HYBRID BLEND

**209.** Hybrid sweet corn matures very evenly—making a short picking season. To overcome this we offer a special mixture of the hybrids described above. Plant a patch of this superb mixture **all at one time**, it will supply you with sugary sweet corn maturing continuously in 65 to 90 days. Pkt. 15c, 1/2 lb. 30c, lb. 50c, 5 lbs. \$2.25, prepaid.

### Save Your Sweet Corn Crop Use DDT KILLER DUST To Control Ear Worm

Corn Ear Worm Eggs are laid in the silk when forming. Three or four light dustings with Killer Dust at 3-day intervals at silk-forming time will free ears of worms.

1 lb. Sifter Can, 40c  
5 lb. Bag \$1.50  
Prepaid

Faribo Golden Sugar

Market Growers write for Quantity Prices

Early Golden 113

## Faribo Midget SWEET CORN

Tiny 4 in. Ears on Dwarf 30 in. Plants in 60 days



**215. FARIBO GOLDEN MIDGET**—(59 days). Here's sweet corn at its best! No matter what size your garden, don't miss this delightful dinner-table treat! Guests "just rave" about it. The sweetest, tenderest, most flavorful corn grown. 3 to 5 miniature ears, packed with butter-yellow kernels of highest sugar content on tiny 2 1/2 ft. plants. A quart freezer carton holds half dozen ears. Plant every 10 days till mid-July. Color photo page 72. **Big pkt. 35c, 1/2 lb. 65c, lb. \$1.10, prepaid.**

**216. FARIBO "BIG MIDGET" HYBRID**—(60 days). Here's the hybrid model of Faribo Golden Midget. It's just as early, but plants grow 10 inches taller, ears about 2 inches longer, and yields are larger. The extremely high sugar content and exceptional flavor, quality and appetizing butter-yellow color of Faribo Golden Midget are all retained in this slightly bigger hybrid version. **Big pkt. 35c, 1/2 lb. 65c, lb. \$1.10, prepaid.**

FOR COLOR PHOTO See Page 72

# Favorite Varieties of Open Pollinated SWEET CORN

## STANDARD EARLY VARIETIES

**223. EARLY SUNSHINE**—(66 days). Another noteworthy development of the North Dakota Experiment Station. An early yellow variety, with a larger ear, and about 5 days ahead of Golden Bantam. Highly prized by market growers and excellent for home garden. Flavor, tenderness and quality are superb. Ear: 7 inches long; 10-14 rowed, kernels golden yellow, sweet, tender and of good flavor. Stalk: 5½ feet high. Pkt. 10c, ½ lb. 20c, lb. 35c, 5 lbs. \$1.60, prepaid.

**226. EXTRA EARLY GOLDEN BANTAM**—(72 days). To most home gardeners, sweet corn means Golden Bantam. Also desirable for trucking and canning. It is medium early, dependable and of wonderful quality. Ear: 6½ inches long, 8-rowed. Kernels broad with tender hull, sweet and of exceptionally fine flavor. Stalk: 5 to 5½ feet high. Pkt. 10c, ½ lb. 20c, lb. 35c, 5 lbs. \$1.60, prepaid.

**227. EARLY GOLDEN MARKET**—(70 days). Also known as Golden Hummer. One of the finest extra early yellow varieties for market. Ears have strong husks, 8 to 12-rowed and 6½ inches long. Kernels are golden yellow, tender, sweet and of good flavor. Stalk: 5 feet. Very heavy yielding for such an early sort. Fine for home gardens also. Pkt. 10c, ½ lb. 20c, lb. 35c, 5 lbs. \$1.60, prepaid.

## CONTROL EAR WORM WITH DDT KILLER DUST

1 lb. Can, 40c ppd.

F. S. & N. Co.

This spring I ordered some of your new sweet corn seed, the Faribo Golden Midget. I planted it on the evening of July 4th, and yesterday, September 4th, we had our first meal, and I must say I am delighted and very much pleased, it was sweet, tender and delicious.

Mrs. Ingval Iverson, Menomonie, Wisc.

## Treat All Your Seed Corn with ARASAN

New Seed Disinfectant and Protectant

Arasan will help you get better stands of vigorous, healthy normal seedlings and greatly increase your yield per acre.

Price: ¾ oz. pkt. (treats one Bu.) 25c, 8-oz. can, 85c, prepaid.

Boosted corn yields 8½ bu. per acre.

## Now YOU CAN HAVE

Delicious Canned Corn



This New Patented Corn Cutter eliminates corn canning drudgery — removes just the tender young corn, leaving the tough husks on the cob. Fastest known method—five strokes finishes an ear in less than 10 seconds. Send for your Corn Cutter today.

Only \$1.00 prepaid.

## SWEET CORN ALL SUMMER

Planted at one time, varieties in this collection will supply your table all summer.

### COLLECTION No. 230 (Standard Sorts)

**EARLY SUNSHINE**—Extra Early  
**EARLY GOLDEN BANTAM**—  
Medium Early

**BANTAM EVERGREEN**—Late

1 Pkt. each (3 Pkts.).....	26c
½ lb. of each (1½ lbs.).....	55c
1 lb. of each (3 lbs.).....	\$1.00



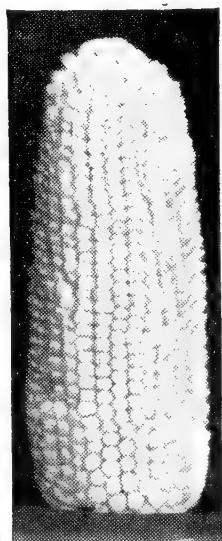
Early Sunshine

## STANDARD LATE VARIETIES

**241. BANTAM EVERGREEN**—(85 days). Developed from a cross of Golden Bantam and Stowell's Evergreen. It has the rich golden yellow kernels of Bantam, and the size and tender hull of Evergreen. Sweet, and of fine quality. Evergreen type of ear with 14-18 rows. Ready for market when most other yellows are overmature. Pkt. 10c, ½ lb. 20c, lb. 35c, 5 lbs. \$1.60, prepaid.

**242. STOWELL'S EVERGREEN**—(90 days). Most popular late variety for home and market gardening or canning. Holds its prime condition at eating stage a long time. Ear: 9 inches long, 16 to 20-rowed; kernels clear white, deep medium width, sweet and tender. Stalk: 8 to 10 feet high, sturdy and erect. Pkt. 10c, ½ lb. 20c, lb. 35c, 5 lbs. \$1.60, prepaid.

## POP CORN is a PROFITABLE CROP



**CULTURE**—Plant Minhybrid 250 Pop Corn 3-5 lbs. to the acre in drills; South American Pop Corn 5-8 lbs. to the acre. Plant in rows 3 to 3½ feet apart, dropping the seed 8 to 10 inches apart in the row. We have discarded all but the outstanding varieties.

Minhybrid  
250  
White  
Hulless  
Pop Corn



### CORN for Popping

(This corn is for popping only; it is not suitable for seed.)

### HYBRID HULLESS

A superior quality Pop Corn, high in popping volume, tender and fine-flavored.

3 one lb. cellophane packages, 85c, ppd.

Not Prepaid  
10 lbs. @ 17c per lb.  
50 lbs. @ 15c per lb.



Hybrid Hulless pops to flaky, tender kernels of delicious flavor

**250. MINHYBRID 250 WHITE HULLESS CERTIFIED**—(95 days). The last word in Pop Corn. Developed by Minnesota Experiment Station, it far surpasses the old Jap hulless—records show 16% greater yield and 29% greater popping expansion. The finest in quality, flavor and tenderness. Pkt. 10c, ¼ lb. 20c, ½ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.80, prepaid. Not prepaid, 10 lbs. at 50c per lb.

**251. FARIBO-HULLESS WHITE**—(90 days). Used extensively by pop corn vendors. The ears are only 3 to 4 inches long, but every kernel will pop, so there is no waste. Faribo Hulless Pop Corn is almost again as productive as White Rice. The kernels are longer and more slender, and have no hulls. Pkt. 10c, ¼ lb. 15c, ½ lb. 25c, lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00, prepaid. Not prepaid, 10 lbs. at 30c per lb.

**252. IOPOP No. 5**—A new white hybrid of Jap hulless type, but ears are much larger and more tapering. Medium late, 110-115 days. It stands better than Jap hulless, yields 25% better and has a popping volume of 27 as compared with 23 for Jap hulless. Ranks high in quality, tenderness, flavor. Pkt. 10c, ¼ lb. 20c, ½ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.80, prepaid.

**253. HYBRID GOLD**—(115 days). Developed from South American Yellow, this hybrid pops to large, flaky, tender kernels of a rich butter color. High popping volume. Profitable for market as it yields more than open pollinated corn. Adapted to southern Minnesota, northern Iowa, Wisconsin and South Dakota. Pkt. 10c, ¼ lb. 20c, ½ lb. 35c, lb. 65c, 2 lbs. \$1.20, 5 lbs. \$2.80, prepaid. Not prepaid, 10 lbs. at 50c per lb.

# CUCUMBERS

One ounce will plant 50 hills; three pounds for an acre.

**CULTURE**—Cucumbers require warm rich soil. When all danger of frost is past plant in low flat hills, 4 to 6 feet apart each way. Scatter 10 to 12 seeds in a one foot circle in each hill and cover one-half inch. If the soil is naturally poor, work a forkful of decayed manure into each hill before planting. When plants are about 5 inches tall, thin out, leaving the five strongest to each hill. Keep the soil cultivated as long as it can be done without injuring the spreading vines. Kill Squash Bugs and Cucumber Beetles with Pyrocide Dust, see Prices Below.

**NOTE**—Days from planting to picking are listed here. The letters W. S. and B. S. indicate the white spined and black spined varieties.

## SMALL PICKLING TYPE

**274. MINCU CUCUMBER**—Matures in about 50 days. The short oval fruits, averaging 4 inches long by 1½ inches in diameter, are ideal for pickles. They are white spined with crisp white flesh and medium green skin. The vines are compact and not inclined to run extensively. A very early heavy cropper. Mincu was developed at the Minnesota Experiment Station. Pkt. 10c, oz. 20c, ¼ lb. 70c, lb. \$2.40, prepaid.

**275. EARLY WHITE SPINE or FORTUNE PICKLE** (60 days). Popular as a "Dill" variety because it grows very straight. Fruits are square ended, 7 to 8 inches long, and 2½ inches in diameter, medium green in color, and remains in good condition a remarkably long time. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

**276. CHICAGO PICKLING**—(59 days). B. S. Westerfield Pickling. Most widely used of the pickling varieties. Also good for slicing. Fruit: 6½ inches long, 2½ inches thick, medium green, square ended, attractive and prolific. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

← "A and C" or Colorado Symmetrical, dark green in color, with crisp, delicious flesh.



### New Faribo HYBRID CUCUMBER See Color Photo Back Cover

**282. FARIBO HYBRID "C"**—Produces a continuous crop of uniformly large handsome fruits from vigorous disease-resistant Hybrid Plants. Developed by Dr. A. E. Hutchins of the Minn Exp. Station and F. S. & N. Co. The color is an intensely rich deep green, and the flesh fine-grained, sparkling white and crisp. Smooth and symmetrical in shape, with blunt ends, the cucumbers are just right for pickles when young, and make perfect 8 to 9-inch slicers when full grown. Pkt. 25c, prepaid.

FOR DILL SEED, See Page 13



### 277. MINNESOTA DWARF "CUKE" XII

—This new Minnesota Cucumber is ideal for small gardens and for those wanting early, uniform, blunt 4 inch fruits for pickling. From one to four attractive green fruits are borne at leaf nodes the entire length of the vine. Requires small space—vines only grow 2 feet long. Plants are vigorous with large dark green leaves. Flesh is firm and sweet. (See page 72.) Pkt. 25c, postpaid.



### Non-Poison PYROCIDE DUST To Protect Your Cucumber Vines

Now you can protect melons, squash and cucumbers with non-poison Pyrocide, a new type dust, so powerful it controls these hard-to-kill pests, and most all types of sucking and chewing insects on fruits and vegetables including Aphids, Cabbage Worms, Mexican Bean Beetles, Leaf Hoppers, as well as house pests: flies, ants, etc.

Price Prepaid: 1 lb. 60c, 5 lbs. \$2.50



Straight Eight—A Beautiful Streamlined Variety

## All-Season CUCUMBER COLLECTION

One  
Pkt.  
Each

Chicago Pickling  
Taxpayer  
Straight Eight  
Longfellow

36c  
PREPAID

# VEGETABLES and HERBS for the EPICURE

## CRESS Pepper Grass

**265. FINE CURLED**—Crisp, pungent leaves, finely cut and curled, dwarf and compact. Used mostly for garnishing and as a condiment. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 90c, prepaid.

## EGG PLANT

One ounce will produce about 1,500 plants.

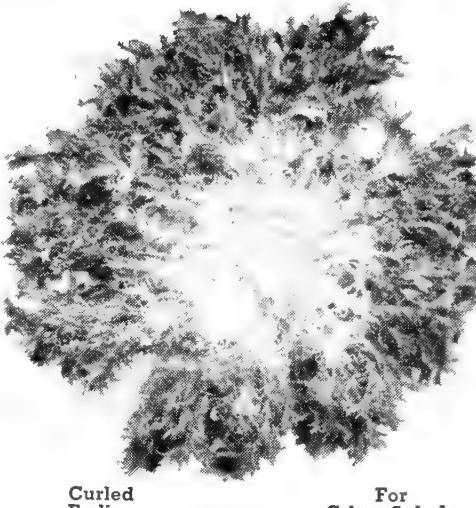
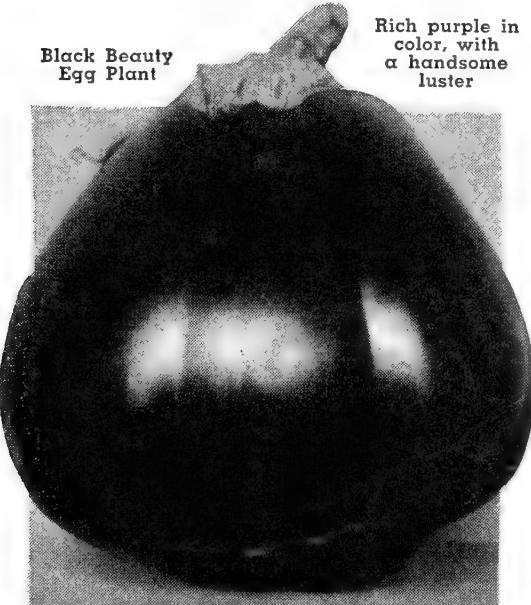
Sow seed in hotbed in March, when an inch high, pot in 3-inch pots. Set out about June 1st, 2 $\frac{1}{2}$  feet apart.

**302. BLACK BEAUTY**—Desirable for the northern states. Earlier than New York Spineless. The fruits are broad, thick, of most attractive form and finest flavor. Their rich, lustrous, purple color is very uniform. Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 60c,  $\frac{1}{4}$  lb. \$2.20, prepaid.

**303. FARIBO HYBRID EGG PLANT**—Another F-1 hybrid vegetable developed in Minnesota with the typical hybrid advantages of higher quality, higher yield, greater resistance to drought and disease. Tall, vigorous, semi-spreading plants produce quantities of fruits—continuously over a long season. The medium sized, oval fruits are a gorgeous deep purple color. Pkt. (15 seeds) 25c, 3 pkts. 65c, 5 pkts. \$1.00 prepaid.

Black Beauty  
Egg Plant

Rich purple in  
color, with  
a handsome  
luster



Curled  
Endive

For  
Crisp Salads

## ENDIVE

One ounce of seed will plant 100 feet of drill.

An excellent salad for fall and early winter use. Sow seeds outdoors the middle of April; small sowings can be made every three weeks. For fall and winter crop sow in July.

**304. FLORIDA DEEP HEART**—(88 days.) A great improvement over the Broad Leaved Batavian; the plant is large and vigorous, with broad, thick leaves; many infolding leaves form a deep compact heart, well-blanced and of excellent quality. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75, prepaid.

**305. GREEN CURLED**—A very beautiful sort of which the leaves are very light colored, even the outer ones being nearly white. They are crisp and tender. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50, prepaid.

## HERBS TO FLAVOR, SEASON AND GARNISH

To keep over winter, cut on a dry day, just before they are in full bloom. Dry in the shade and store in air-tight Mason jars.

**306. DILL**—Seeds have an aromatic odor and pungent taste. Used for pickles. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, prepaid.

**308. MARJORAM**—The young, tender tops are used green for flavoring, or they may be dried for winter use, for flavoring broths, dressings, etc. Pkt. 10c,  $\frac{1}{2}$  oz. 60c, prepaid.

**313. SAGE**—The leaves and tops are used very extensively for seasoning. Pkt. 10c,  $\frac{1}{2}$  oz. 60c, oz. \$1.00, prepaid.

**310. SUMMER SAVORY**—A hardy annual. The dried stems, leaves and flowers are fine for flavoring soups, dressings, etc. Pkt. 10c,  $\frac{1}{2}$  oz. 75c, prepaid.

**311. THYME**—The young leaves and tops are used for seasoning soups, in dressings, etc. Pkt. 10c,  $\frac{1}{2}$  oz. 60c, prepaid.

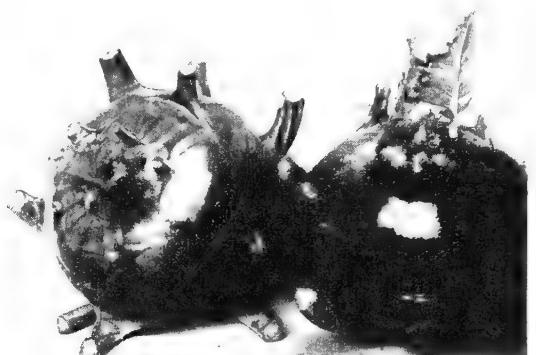
**319. LONDON FLAG**—Stems 8 to 10 inches long,  $\frac{1}{2}$  inches thick, white and attractive. Pkt. 15c,  $\frac{1}{2}$  oz. 60c, 1 oz. \$1.00, prepaid.

## KALE or BORECOLE

Grown for its foliage which is used as "greens"; does not form heads. Can be sown late, as plants continue to grow late in the season. A heavy frost improves the flavor and quality of the thick, crumpled leaves.

**314. DWARF GREEN CURLED**—Plant is low and compact with large, bright green leaves, curled, and wrinkled. A healthy vegetable, and one of the most palatable when well cooked. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25, prepaid.

**316. TALL GREEN CURLED SCOTCH**—Hardy plants with leaves deeply cut; curled at edges, light green in color. Very tender after exposure to frost. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25, prepaid.



Early Purple Kohlrabi

## KOHLRABI

One ounce of seed for 100 feet of row

Sow the seed in light, rich soil as early in spring as possible. Thin to 6 inches apart in the row. Sow at intervals of 10 days for successive crops. Ready for use when 2 to 2 $\frac{1}{2}$  inches in diameter.

**317. EARLY PURPLE**—(62 days.) Dwarf plants having short, green leaves with purple stems and veins. Bulbs globular purple, with white, tender flesh. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 45c, prepaid.

**318. EARLY WHITE VIENNA**—Very handsome, white fruit. Excellent both for forcing and open ground; flesh white and very tender; leaves short. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 45c, prepaid.

## LEEK A Species of Onion

Though belonging to the onion family, the flavor is milder and subtly different when used in soups and stews.

For white tender Leek, transplant when six inches tall to shallow trenches setting plants 3 inches deep and gradually let the soil fill in. In fall, ridge the soil about the plants so as to blanch the stems.

**319. LONDON FLAG**—Stems 8 to 10 inches long,  $\frac{1}{2}$  inches thick, white and attractive. Pkt. 15c,  $\frac{1}{2}$  oz. 60c, 1 oz. \$1.00, prepaid.

## OKRA or GUMBO FOR DELICIOUS SOUPS

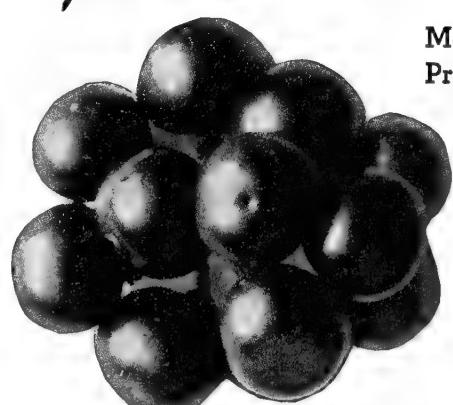
One ounce of seed will sow 50 feet of row

Okra pods are used in soups, stews, salads, catsup and relishes, and are very popular in the South. The pods should be gathered each day, while they are tender and pulpy. They are at their best when from one to three inches long. Okra is a hot weather plant and the seed should not be sown until late May when the ground is thoroughly warm.

**395. DWARF GREEN**—Grows low, is very productive. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, prepaid.

## Garden HUCKLEBERRIES

Make Delicious Pies,  
Preserves and Jams



**313. HUCKLEBERRIES**—The berries are borne in clusters and when ripe are a shining black color, about  $\frac{1}{2}$  to  $\frac{3}{4}$  inch in diameter. Plants grow 3 feet tall and thrive in any soil. Culture same as for tomatoes. Pkt. 10c,  $\frac{1}{2}$  oz. 40c, oz. 65c, prepaid. See recipe below.

### RECIPE FOR HUCKLEBERRY PIE

Wash and stem 2 $\frac{1}{2}$  quarts berries, cover with water and let come to a boil. Add  $\frac{1}{2}$  teaspoon soda, boil one minute and drain. Add one cup cold water to berries, cook until soft, then mash and add 1 $\frac{1}{2}$  cups sugar, juice of  $\frac{1}{2}$  lemon and boil about 15 minutes. Remove from stove and cool. When ready to put in pie crust add one tablespoon tapioca. Dot with butter, add top crust and bake.

Garlic Sets, see page 16

Ground Cherry, see page 25

Horse Radish, see page 27

# Crisp Tender LETTUCE Healthful and Refreshing

## Leaf LETTUCE

One-half oz. will sow 100 feet of row; 3 lbs. per acre

**CULTURE OF LEAF LETTUCE**—Sow outdoors as soon as the ground opens, covering seed  $\frac{1}{4}$  inch. When plants are 3 or 4 inches tall, thin out to stand 6 inches apart. In harvesting, cut lettuce above the crown and it will grow new leaves. For fall use, sow in August.

**322. SLOBOLT**—(45 days). As indicated by its name, this variety continues to develop good palatable, leaf lettuce during the entire summer season, without bolting to seed. The leaves are light green, attractively crumpled and frilled. Pkt. 15c, oz. 50c,  $\frac{1}{4}$  lb. \$1.75, prepaid.

**323. BRONZE BEAUTY**—(40 days). This colorful new leaf lettuce has the long scalloped leaves of Oak Leaf, but the color is a warm, ruddy bronze, completely suffusing the soft green undertone. Resistant to hot weather, tender, crisp and delicious. Pkt. 15c, oz. 85c, prepaid.

**324. OAK LEAF**—(40 days). The rich green of its leaves, its tenderness and resistance to hot weather, have made Oak Leaf the most popular lettuce for home gardens. If plants are thinned to stand 6 inches apart, they form loose heads, and the base of each leaf turns crisp and cream colored, with a tenderness unequalled by any other. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, prepaid.

**325. GRAND RAPIDS—B.S.** (43 days). One of the most popular loose-leaved varieties. Excellent for early planting and greenhouse forcing. It is very early, hardy, and disease resistant and is exceptionally tender when grown under glass. Handsome leaves are light green, broad, wavy, curly and heavily fringed. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, prepaid.

**326. BLACK SEEDED SIMPSON**—(46 days). Large rich green leaves, thin, tender and crisp, forming a loose head. One of the most vigorous varieties in hot weather and slow to run to seed. Especially adapted to the home garden. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, ppd.

**327. SIMPSON'S EARLY CURLLED**—(45 days). A white seeded leaf lettuce of excellent quality. Large, light green leaves, crumpled and frilled, forming a compact central bunch. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 65c, prepaid.

**329. PRIZEHEAD—W.S.** (46 days). An early, quick-growing, non-heading sort. Leaves are broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, prepaid.

Note: B. S. and W. S. refer to black or white seeded varieties.



Pennlake  
Head Lettuce

## 338. PENNLAKE

(82 days).—An All-America head lettuce from Penn. State College. The result of crossing Imperial and Great Lakes, combining desirable features of both types. Solid, very uniform, somewhat conical heads, well protected by wrapper leaves, are readily formed. Because of its crisp, dark green, smooth foliage, it belongs in the Great Lakes class, without the objectionable prominent Great Lakes "ribbiness." Pkt. 15c, oz. 75c, prepaid.

F. S. & N. CO.  
The dozen Faribo Hybrid "E" tomato plants we received from you last year yielded at least 18 bushels of perfect tomatoes.  
Mr. P. H. Pederson, Elcva, Wis.

F. S. & N. CO.  
I believe your white Hullless 250 Popping Corn is simply divine—every kernel pops fluffy and white, and they're so tender and sweet tasting!  
Mrs. John H. Meinson, Chicago 23, Ill.



OAK LEAF RETAINS ITS DELICATE FLAVOR EVEN IN HOT WEATHER—NEVER TURNS BITTER.

## Head LETTUCE

One-half oz. will sow 100 ft. of row. 3 lbs. per acre in drill

**CULTURE OF HEAD LETTUCE**—For early crops start seed in hotbed in early April in upper Midwest area, covering  $\frac{1}{4}$  inch. When 2 inches tall, transplant seedlings to 4 inches apart. When ground is warm, transplant to garden, 1 foot apart. For general crop, sow outdoors in April and May and thin out to 10 inches apart.

The secret of growing head Lettuce is to start seeds early indoors, in hotbeds or flats, and transplant seedlings to open garden when danger of severe frost is past.

## 334. GREAT LAKES

Heat-resistant Head Lettuce  
Especially Bred for the Midwest

(75 days). This new lettuce is distinguished for its ability to produce tight heads in hot weather, for its resistance to tipburn and for its reluctance to run to seed. Of the Iceberg type, with large thick leaves folding well over the head. Especially bred as a summer lettuce for the Middle West. Pkt. 15c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50, prepaid.

## 339. PROGRESS

New Progress Heads Even During the Hot, Dry Weather of Midsummer

(82 days). Named recently by U. S. Department of Agriculture, Progress is an early, dark green, thick-leaved, heavily savoyed, tipburn resistant, crisphead lettuce of excellent flavor and high quality. Heads are solid, crisp and tender. Proven ideal for commercial growers and the home gardener. Seeds white. This superior variety has proven very satisfactory for the upper midwest. Be sure to include this new head lettuce in your vegetable planting. Pkt. 15c, oz. 75c, prepaid.

**335. CRISP-AS-ICE—B.S.** (74 days). A popular sort for the home garden. Forms compact medium-sized head, well blanched and of delicate flavor. Leaves thick and crumpled; deep green overlaid with dark brown, giving a bronze appearance. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, prepaid.

**336. BIBB**—(57 days). Smooth, dark green leaves and a small firm head, which blanches to an appetizing cream. Very tender and of excellent quality, it is always in great demand by the luxury hotels. We recommend it for early spring planting. Pkt. 15c, oz. 45c,  $\frac{1}{4}$  lb. \$1.60, prepaid.

**337. ICEBERG—W.S.** (84 days). A splendid crisp-head sort with strong center ribs which bend toward the heart of the plant, keeping it thoroughly blanched. Wavy, fringed, light green leaves, tinged at edges with reddish brown. Heads compact, crumpled, crisp and sweet, with white interior. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. 85c, prepaid.

## ROMAINE

or Cos Lettuce  
For The Salad Bowl

**330. WHITE PARIS—W.S.** (70 days). Considered the finest of all lettuces in flavor. Famous chefs prefer it for salad because of its tenderness and delicious flavor. Self-folding, with dark green leaves forming oval-shaped heads with greenish-white interior. The entire plant is tender and palatable. Cos Lettuce is easy to grow, slow to bolt to seed during hot weather and does not require much space in the garden as it is upright growing. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, prepaid.

**341. CHICKEN LETTUCE**—Chickens need green food. This lettuce will yield a large amount of greens throughout the season, as it makes successive crops after cutting. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60, prepaid.

# MUSKMELONS To Fit Every Requirement

## 353. FARNORTH

**Ideal Melon for Northern gardens.** Developed by R. M. Wilson at Indian Head, Saskatchewan, improved by Chas. Walkof, Morden, Manitoba Experiment Station. Our strain, inbred and selected by Minnesota Dept. of Horticulture. Sweet, juicy, appetizing, 4 to 5-inch fruits on small vines. Thick salmon-colored flesh with small seed cavity. The first ripe melon in your garden! Ripens in the "far north!" Pkt. 25c, 5 pkts. \$1.00, prepaid. (See Inside Back Cover.)

## 369. MIXED HYBRIDS

**Mixed First Generation Hybrids From Our Own Breeding Grounds.** These include both early and late, large and small types. All have hybrid vigor and some disease resistance. If you find a melon from this planting that you consider outstanding, save the seed and plant in an isolated plot. Repeat this for four years, each year selecting and saving seed from the best melons, and you may develop a fine new variety. Pkt. 25c, 5 pkts. for \$1.00, prepaid.

### CUCUMBER BEETLE CONTROL

#### Pyrocide Dust No. 10

Control Cucumber Beetles with this non-poisonous, yet powerful, insect killer. Will not cause injury to Muskmelon, Cucumber, Watermelon, or Squash vines. Beetles are killed within a few minutes after application is made. 1 lb. \$60; 5 lbs. \$2.50 ppd.

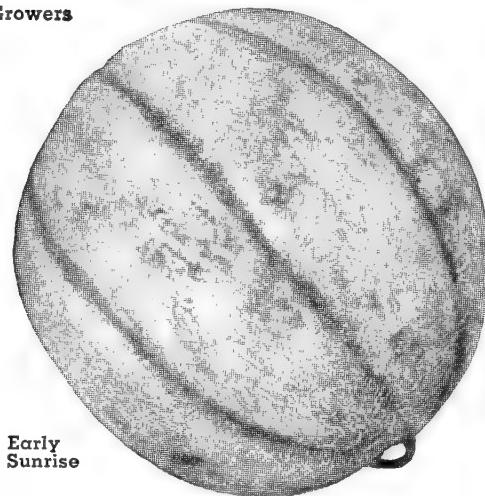


Farnorth

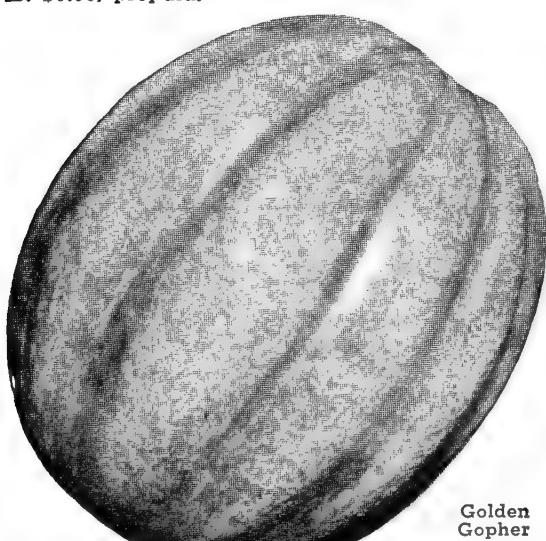
Market Growers  
write for  
quantity  
prices.

## 354. EARLY SUNRISE

**Outstanding New Melon For Local Market and Home Garden**—83 days. Similar to Bender's Surprise in type, but much earlier and of superior quality and flavor. The thick-oval fruits average 5½ to 6½ pounds in weight, and are covered with a coarse netting, and distinctly ribbed. The rind is hard, and creamy green at maturity. Flesh bright salmon, thick and of delicious quality. An excellent melon for local market and home garden use. Pkt. 10c oz. 35c, ¼ lb. 85c, lb. \$3.00, prepaid.



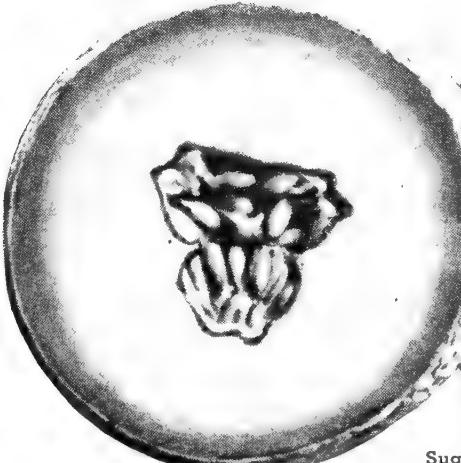
Early  
Sunrise



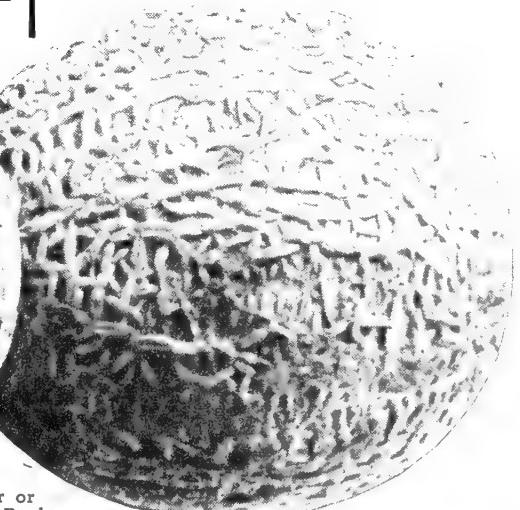
Golden  
Gopher

## 355. GOLDEN GOPHER

**Wilt-Resistant Melon Developed at Minn. Exp. Station**—85 days. Especially bred for resistance to fusarium wilt, this melon is of the Pride of Wisconsin type, with the same thick, fine-flavored orange flesh. Oval in shape, with light but coarse netting, fruits weigh about 3½ lbs. and are 5¼ inches in diameter. Uniform and early. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, lb. \$4.25, prepaid.



Sugar or  
Honey Rock



**356. MINNESOTA MIDGET "356"**—Popular New Midget Melon (See Color Photo on Page 72)—60 days. Here's a real find for the garden with limited space. The vines grow only 3 feet long and produce surprising numbers of luscious little 4-inch melons, just right for individual serving. High in sugar content, they have a small seed cavity and deep orange flesh—edible to the rind. Pkt. 25c, 3 pkts. for 65c, prepaid.

One ounce will plant 60 hills. Two to three pounds per acre.

**CULTURE**—Muskmelons require warm, rich soil, slightly sandy. Plant when all danger of frost is past, in hills 6 feet apart each way, 8 to 10 seeds to a hill. After danger of insects is past, thin out to 3 to 4 plants to a hill. Muskmelons should be left to ripen on the vine, until they come off easily when given a slight pull or twist.

## SHIPPING and MARKET Varieties

Fine Also for Home Garden Use

**357. SUGAR OR HONEY ROCK**—85 days. A money-maker and a source of pride for every grower. Handsome in appearance, distinctive in flavor. Sweet as sugar, solid as a rock and easy to grow. Fruit: nearly round, about 6 inches in diameter. Weight: 4 lbs. Skin grey-green, covered with coarse netting. Flesh: thick, juicy, orange color, with fine flavor. Pkt. 10c, oz. 35c, ¼ lb. 75c, lb. \$2.70, prepaid.

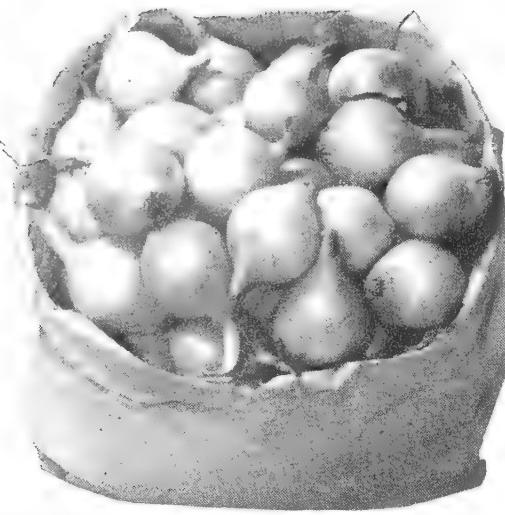
**358. HALE'S BEST**—80 days. Popular early shipping cantaloupe. Flavor and quality excellent, and withstands drought. Can be shipped long distances. Fruit: oval, 6½ inches long, almost devoid of ribbing, covered with heavy netting. Flesh: extremely thick, orange color, sweet and of fine flavor. Pkt. 10c, oz. 25c, ¼ lb. 65c, lb. \$2.45, prepaid.

**359. PRIDE OF WISCONSIN**—90 days. Developed from a cross of Honey Rock and Hearts of Gold. Grows well in heavy soil. Fruits are oval in shape, and weigh about 3¾ lbs. The rind is very hard, of a pearly gray color, faintly ribbed and heavily covered with a distinctive netting. The orange flesh is solid, thick and very sweet, with a compact seed cavity. Pkt. 10c, oz. 35c, ¼ lb. 75c, lb. \$2.70, prepaid.

**360. OSAGE OR MILLER'S CREAM**—92 days. A popular favorite for home or market and a good yielder. Fruits are oval with slight ribs and netting and dark green skin when immature, ripening to mottled orange and green. Melons are 7 inches long, weigh 5 lbs. Small seed cavity with thick, firm pink flesh of spicy flavor. A good shipper. Pkt. 10c, oz. 30c, ¼ lb. 65c, lb. \$2.45, prepaid.

### Melons a Month Earlier!

For an early crop, the small gardener may start melon seed indoors in plant bands. These may later be set out in the garden without disturbing the young plants, and covered with hot-kaps for protection from cold, as well as from beetles and squash bugs. See page 69.



## ONION SETS

More Sets per lb. from Our Small, Firm Sets  
Lb. plants 50 ft. row. 12 bu. per Acre  
(32 lbs. to Bu.)

Plant onion sets as early in spring as ground can be worked. In a few weeks, delicious young onions are ready to serve. Plantings may be successively made late into the summer.

### MARKET GROWERS WRITE FOR PRICES

**YELLOW BOTTOM OR EBENEZER SETS**—The onions commonly planted in the home garden for early green onions, also for later use. Price: Lb. 35c, 2 lbs. 65c, 4 lbs. \$1.25, prepaid.—Not prepaid, pk. (8 lbs.), \$1.35, bu. (32 lbs.), \$4.50.

**WHITE BOTTOM SETS**—Price: Lb. 40c, 2 lbs. 75c, 4 lbs. \$1.40, prepaid.—Not prepaid, pk. (8 lbs.) \$1.50, bu. (32 lbs.) \$4.95.

**YELLOW MULTIPLIERS**—Flavor much superior to ordinary onions. Price: Lb. 40c, 2 lbs. 70c, 4 lbs. \$1.20, prepaid.—Not prepaid, pk. \$1.45.

## GARLIC SETS

For flavoring stews, soups, meats, dressings. A perennial, member of the onion family, but of much stronger flavor. The bulb separates into divisions or "cloves," which are planted 4 to 6 inches apart, in rows 12 to 18 inches apart, and covered with an inch or two of soil. When tops die, pull bulbs and store in dry place to cure. 1/2 lb. 40c, lb. 75c, 5 lbs. \$3.50, prepaid.—Not prepaid, 10 lbs. \$6.00.



## SOIL BUILDER ORGANIC PLANT FOOD

A true organic fertilizer composed of 80% dead plant and animal tissue, including meat scraps, bone meal, hooves, blood, etc., from stock yards. Promotes healthier, dark green foliage on flowers, shrubs, lawns, more nutritious vegetables. Contains 15% protein, many important minerals. Adds humus, loosens heavy soil, retains moisture, remains active 3-4 years. Really builds soil! Pulverized, heat-sterilized. 5 lbs. 85c, postpd. 105 lbs. (about 6 bu.) \$3.75 by freight, not ppd.



Makes things Grow!

ANALYSIS—4-12-4

vigorously and flowers and shrubbery beautiful with bloom and foliage. Quick results, easy to apply, only a small quantity required, no offensive odor.

Used for years on lawns of fine homes—on golf courses—in private gardens—hot-houses—and nurseries of florists and commercial growers.

Ten lbs. is sufficient to fertilize plot of lawn 20x25 ft.; 25 lbs. will cover plot 30 x 40 ft. (Use 2 to 4 lbs. per 100 sq. ft.).

Price: 5 lb. pkg. 50c (postage to 3rd zone 25c extra), 10-lb. pkg. 90c (postage to 3rd zone 35c extra). By express or freight, not prepaid: 25-lb. bag \$1.50, 50-lb. bag \$2.75, 100-lb. bag \$4.25.

## "HI-HUMUS" PEAT MOSS

For Better Gardens and Lawns

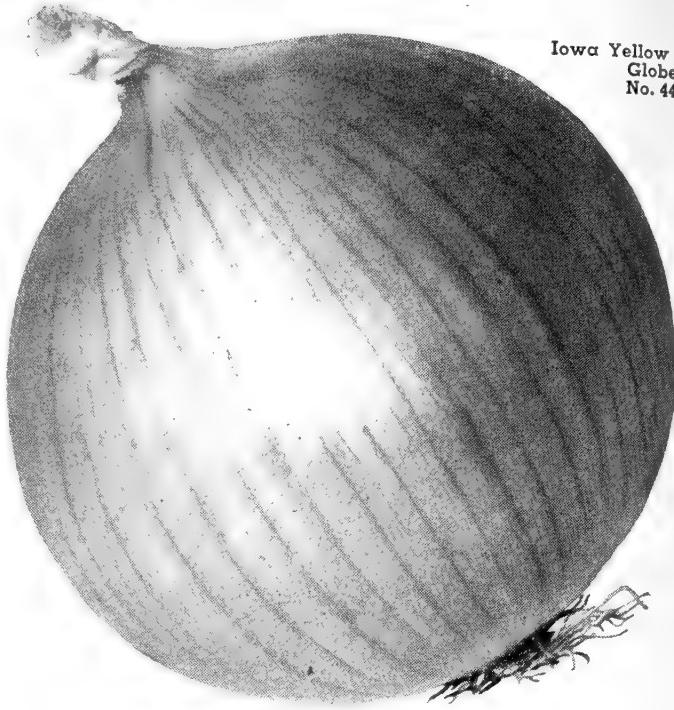
Prevents killing of roots during both winter and summer. Holds moisture, reduces weeding. Use it around roses, shrubs, perennials, your window boxes, ferns and potted plants. Contains life-giving humus and nitrogen essential to plant growth—and is free from silt and weed seeds. Prices: Peck (about 5 lbs.) 85c, 1/2 bu. \$1.50 postpd. to 3rd zone. 6 bu. (about 110 lbs.) \$5.00 by freight, not ppd.

# Fariba ONION SEEDS

One ounce will sow 100 feet of drill; 3 to 4 pounds per acre.

**CULTURE**—The soil should be very carefully prepared for onions. The richer the soil, the better the crop will be. Plenty of fertilizer, well spaded in, is essential. Sow the seed as early as the ground can be worked, in rows 15 to 18 inches apart, covering 1/2 inch deep. When the seedlings are 3 or 4 inches tall, they should be thinned out to stand 3 inches apart in the row. Keep free from weeds.

**MARKET GROWERS:**  
Write for Quantity Price List.



Iowa Yellow  
Globe  
No. 44

## Long Keeping WINTER ONIONS

**401. SOUTHPORT RED GLOBE**—113 days. The finest of the red onions. Bulbs perfectly round, of good size, with small neck and thick, deep purplish red skin; flesh white, tinged with pink; a wonderful keeper and a heavy yielder. Pkt. 10c, oz. 50c, 1/4 lb. \$1.35, lb. \$4.25, prepaid.

**402. EARLY YELLOW GLOBE**—98 days. A money-maker for the early market. Ten days earlier than Southport Yellow Globe, and an exceptionally good keeper for so early a variety. Bulbs semi-globe shape, solid, uniform and attractive, with deep yellow color. Pkt. 10c, oz. 50c, 1/4 lb. \$1.35, lb. \$4.25, prepaid.

**403. SOUTHPORT YELLOW GLOBE**—112 days. A handsome, golden yellow globe, with tough, clinging skins. Flesh white, with creamy tone. Will keep in storage longer than any other. Pkt. 10c, oz. 50c, 1/4 lb. \$1.35, lb. \$4.25, prepaid.

**404. BRIGHAM YELLOW GLOBE**—110 days. Highly productive, with exceptional keeping qualities. Bulbs globular with rounded bottom; a deeper blockier type than Yellow Globe Danvers; solid, well covered with tight-fitting, thick skins. Pkt. 10c, oz. 50c, 1/4 lb. \$1.35, lb. \$4.25, prepaid.

**407. YELLOW GLOBE DANVERS**—110 days. Hardy and a good cropper. Medium large, round, yellow, firm, with small neck. Flesh white, with slight yellow tone. Pkt. 10c, oz. 50c, 1/4 lb. \$1.35, lb. \$4.25, prepaid.

**406. IOWA YELLOW GLOBE NO. 44 (IO-GLOBE)**—A new long keeping onion from Iowa's Experiment Station, surpassing older strains in keeping quality, color, and its unusual uniformity of size, shape and date of maturity. Bulb is a deep globe, of dark brownish-yellow color, with medium thick, dry skin that adheres well during handling in storage. Produces more No. 1 bulbs than Brigham Yellow Globe, seed is slightly larger, and matures a week earlier. The outstanding onion in Iowa, Wisconsin and Idaho storage trials. Pkt. 20c, oz. 75c, ppd.

**410. SOUTHPORT WHITE GLOBE**—110 days. A very attractive pure white onion. Bulbs round, solid, medium sized, with thin delicate skin. Flesh waxy white, fine grained and mild. Keeps well in fall storage. Pkt. 10c, oz. 55c, 1/4 lb. \$1.75, lb. \$4.50, prepaid.

## PICKLING ONIONS

**428. WHITE PORTUGAL OR SILVER SKIN**  
(Medium Early). An all-purpose onion, excellent for sets, as a pickler, for green bunching and for storage. Bulbs: medium size, thick flat, clear white, hard, fine grained and of pleasing flavor. It is a dependable cropper. Pkt. 10c, oz. 55c, 1/4 lb. \$1.75, prepaid.

*Soak like ALL NIGHT RAIN*

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of treated mildew-resistant canvas. One end screws to water hose, other end closed. Water seeps through every pore—soaks directly into the soil over an area of several feet on all sides. Ideal for lawns, terraces, gardens, hedges, shrubs, trees, etc. Saves on water bills. 18 ft. Soaker \$3.50, 50 ft. Soaker \$5.60.

**SOIL-SOAKER**

All Post-paid

# Grow better — Produce more

## Large Mild SWEET ONIONS

**411. MICHIGAN STATE SWEET SPANISH**—Long Keeping Sweet Spanish. Developed at Michigan State College from a strain of Yellow Sweet Spanish, this new onion keeps late into the spring in perfect condition. The outer skin is tight and holds to the flesh, making very attractive onions after they have been held in storage for 6 months. The flesh is firm, sweet and crisp. Pkt. 20c, oz. \$1.00, prepaid.

See Inside Back Cover for Color Photo.

**412. SWEET SPANISH OR VALENCIA**—110 days. A mild, sweet, giant onion, of the true Spanish or Bermuda type. Bulbs globular with small neck, pure white, firm and delicious at all stages of growth. Pkt. 10c, oz. 60c, 1/4 lb. \$1.60, lb. \$5.00, prepaid.

**413. WHITE BERMUDA OR CRYSTAL WAX**—90 days. Both skin and flesh clear white; of mild delicate flavor. Bulbs very flat; medium sized. Pkt. 10c, oz. 55c, 1/4 lb. \$1.75, lb. \$5.00, prepaid.

### TREAT ONION SEED WITH ARASAN

It increases stand up to 30%

See details on page 67.

Small Pkt. 25c, 8 oz. can 85, ppd.



## ONIONS for BUNCHING

**420. HE-SHI-KO**—80 days. A bulbless bunching variety, grown for its long, slender, pure white stems. Tender and of delicate flavor, the onions are produced in clusters and are double the size of ordinary bunching onions. Pkt. 10c, oz. 55c, 1/4 lb. \$1.75, prepaid.

**424. EARLY WHITE WELSH**—A hardy perennial, used exclusively for green bunching onions. This variety does not produce bulbs, but provides a good crop of the finest green onions for the market early in spring, in advance of those from sets. Pkt. 10c, oz. 50c, 1/4 lb. \$1.50, lb. \$4.85, prepaid.

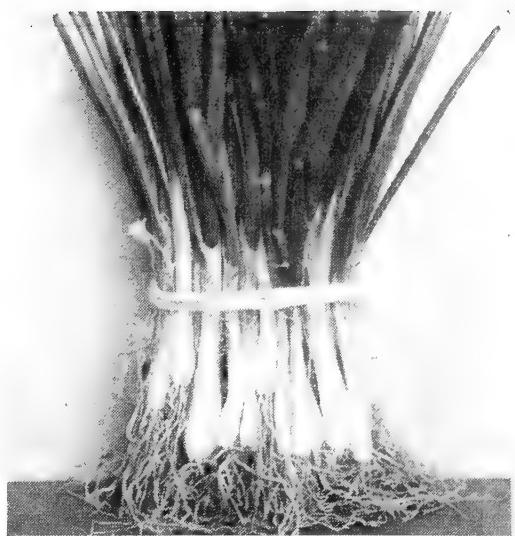
**425. LISBON WHITE BUNCHING**—(Annual). Here's an exceptionally early green bunching onion. An annual which forms small bulbs for green table onions—of real quality and mild flavor. Used by leading gardeners for the early market. Pkt. 10c, oz. 55c, 1/4 lb. \$1.75, prepaid.

F. S. & N. CO.  
I must tell you my Hybrid "C" Cucumbers produced loads of perfect fruits. I recommend your seed as I always have. Also, Hybrid Tomatoes and everything else in my garden was better than in other gardens around here.  
Frank St. George, Gurnee, Ill.



Early White Welsh

For the first green onions in early Spring, tender and of delicious flavor



## ONION PLANTS

### Texas Started Plants

These famous Texas onion plants produce those large, mild, sweet onions that are so difficult to grow from seed here in the North. Or they can be pulled early for the first young green onions on your table. If allowed to develop, they reach creaming or even slicing size, very quickly. Seed is planted for us in Texas during the fall and the plants grow during the winter so they are hardy and can be lifted and shipped early in spring, for Northern planting as soon as ground can be worked. Orders accepted subject to crop, and are shipped at proper planting time.

### SWEET SPANISH or VALENCIA

A mild, sweet, giant onion, of the true Spanish type. Bulbs globular with small neck, firm and delicious at all stages of growth. They will produce the finest quality early onions for market.

### BERMUDA ONION PLANTS

We can usually supply Yellow Bermuda and White Bermuda or Crystal Wax, but in case of shortage we reserve the right to substitute. Order early.

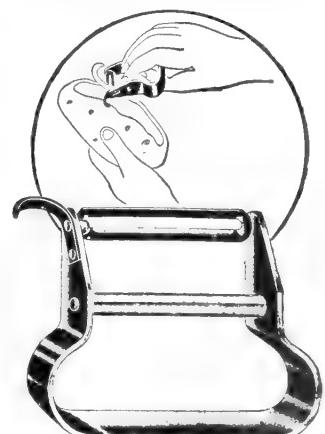
### YOUR CHOICE, POSTPAID:

Sweet Spanish, White or Yellow; Bermudas, White or Yellow;	2 Bundles	5 Bundles	10 Bundles
about 200 plants	about 500 plants	about 1000 plants	about 1000 plants
\$1.10	\$2.25	\$3.75	\$3.75

Write for price on case of 6000 plants

### KITCHEN WONDER TOOL

PEELS,  
SLICES,  
SHREDS!  
only 35c, ppd.



This practical gadget takes the drudgery out of peeling fruits and vegetables. Quicker than a knife. Peels potatoes, and removes the eyes and decayed spots quickly. A scientific tool with tempered steel blade. Saves your fingers from stain, saves you from hard work in peeling potatoes, carrots, cukes, apples, etc. It strings beans and celery, shreds cabbage, chocolate or soap.

### USE "NOMAG"

To Rid Your Garden Of  
ROOT MAGGOTS



Use Maggot Destroyer on Cabbage, Cauliflower, Broccoli, Carrots, Onions, Radishes and Turnips. Apply to stems and roots before setting out plants, and dust on soil ten days after planting. This treatment will eradicate maggots and protect your crops.

Home Garden Size, 60c, Prepaid.  
Not Prepaid, 5 Lbs., \$5.00

### DORMATONE

HORMONE SPROUT INHIBITOR

#### PREVENTS POTATO SPROUTING IN STORAGE!

Prevents Spoilage of Beets, Carrots, Turnips, Rutabagas



Now you can store your home-grown potatoes for 12 months without sprouting or shrinking! Cold storage not necessary. DORMATONE actually improves cooking and eating quality, also appearance. Saves 15% in shrinkage. Controls sprouting of carrots, turnips, rutabagas in storage. Absolutely harmless. Just dust tubers with sifted 12-oz. sifter can (treats 8 bu.), postpaid \$1.00, 5-lb. can (treats 55 bu.) postpaid \$5.75.

# Garden Fresh PEAS are Sweeter

One pound will plant 100 feet of drill

**CULTURE**—Peas are a cool-weather crop and must be planted as soon as the ground can be worked in spring. A rich, light soil is required and plenty of water if a full crop is to be produced. It will pay to use a balanced commercial fertilizer in the row when the seeds are sown. (See page 16.) Sow in rows 2 feet apart and 2 inches apart in the row. Avoid crowding, as closer planting will produce no greater crop. Tall varieties must be supported with light stakes, brush or Train-Ets—See page 69 for prices.



Little Marvel is Unsurpassed in Quality and Productiveness

## DWARF Early Wrinkled PEAS

**462. AMERICAN WONDER**—(61 days). Our stock is the true extra-dwarf, early strain. Popular with home gardeners and very productive. Plants 12 to 14 inches high; pods contain 6 peas, large and very sweet. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.85, prepaid.**

**463. LAXTON'S PROGRESS**—(62 days). Most experts consider this the best of the large-podded, large-fruited wrinkled peas. Very productive, with 4-inch pods of a handsome deep green, filled with 8 to 10 dark green peas of luscious flavor. Vines 1½ feet. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.90, prepaid.**

**464.—LITTLE MARVEL**—(64 days). A favorite for the average home garden, as it remains in prime condition a week longer than older sorts. The 18-inch vines are hardy and very productive, with dark green pods, usually in pairs filled with 7 to 8 large, tender, sugary peas. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.85, prepaid.**

**465. PREMIUM GEM**—(64 days). A highly productive, medium early variety, recommended for the home garden and for canning. Dark green 20-inch vines, heavily set with light green pods containing 6 to 7 peas of good quality. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.85, prepaid.**

## EDIBLE POD PEAS

Cook the pods like green beans

**492. DWARF SUGAR**—(68 days). Sugar Peas have the tenderness and fleshy podded qualities of snap beans, and the flavor and sweetness of fresh green peas. When young, pods are stringless, brittle and succulent. The vines grow to a height of 26 inches, and should be given support. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.85, prepaid.**

For Bigger Crops  
of Peas, Use  
NITRAGIN  
(See pg. 5)

## MIDSEASON and Main-Crop PEAS

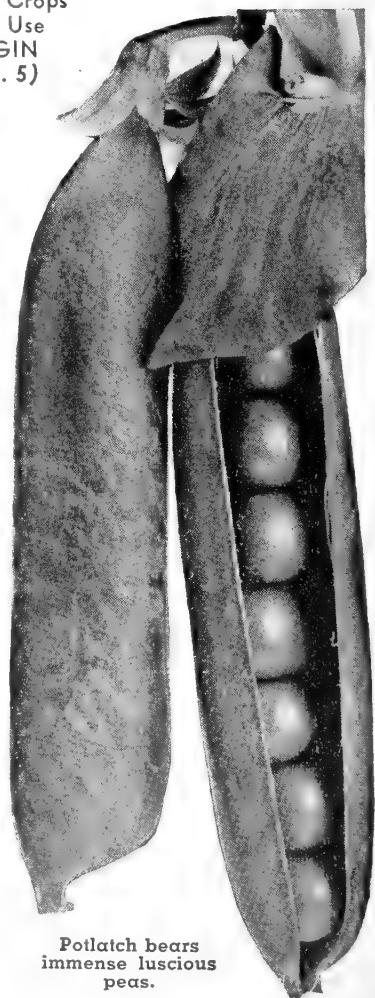
**471. WANDO**—(70 days). Two foot plants with clean, dark green foliage produce 8 to 10 peas in thickly set, straight, glossy green, 3-inch pods. Excellent for freezing or canning; for market or home garden. **Mammoth pkt. 15c, 1/2 lb. 30c, lb. 50c, prepaid. (See Front Cover)**

**472. LINCOLN**—(68 days). Now recognized as the most perfect freezer pea. Plants grow 2 feet. Very heavy producers of slightly curved pods, containing 7 to 8 excellent quality peas that do not split when blanched for freezing. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, prepaid. (See Page 2)**

**473. POTLATCH OR STRATAGEM**—(78 days). The Best Dwarf Late Pea. Famous for its heavy yield of immense deep green pods, packed with 8 to 10 large, tender peas of finest quality. Healthy, bluish green vines 2 feet high, bear continuously from July 1st to 15th. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.90, prepaid.**

**474. DWARF TELEPHONE OR DAISY**—(76 days). Valuable to both the home gardener and to the commercial grower for its productivity and ease of cultivation. Plants average 1½ to 2 feet in height and bear an abundance of pods, 4½ to 5 inches in length, tightly filled with 8 to 10 dark green peas of excellent quality. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.85, prepaid.**

**485. TALL TELEPHONE**—(74 days). The Standard Large-Podded Late Pea. Bears uniformly large, handsome pods, 5 inches or more long, filled with 8 to 9 delicious peas. Vines grow 4 feet high and yield a heavy crop. Excellent for freezing, shipping and for the home garden. **Mammoth pkt. 10c, 1/2 lb. 25c, lb. 45c, 5 lbs. \$1.85, prepaid.**



Potlatch bears  
immense luscious  
peas.

Laxton's Progress—  
Early, Large-podded, heavy-  
yielding and of excellent quality

## Extra Early PEAS

**452. EARLY ALASKA**—(57 days). Smooth Seeded. A hardy variety for earliest planting. Pod contains 6 to 8 peas of good quality. The light green, slender plants grow 28 inches high and mature uniformly. A profitable early sort for market gardeners. **Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 5 lbs. \$1.65, prepaid.**

## F. S. & N. Co's Succession Collection

Fresh Peas All Summer!

IMPORTANT—All varieties in this collection must be planted at one time, as early in the spring as the ground can be worked, and they will mature in succession.

EARLY ALASKA (57 Days)

LAXTON'S PROGRESS (62 Days)

POTLATCH (78 Days)

1 pkt. of each (3 pkts.).....	.25c
1/2 lb. of each (1½ lbs.).....	.65c
1 lb. of each (3 lbs.).....	\$1.00

Ppd.

## KERR Home Canning & Recipe Book

Illustrated  
in Color

An enlarged, and attractive edition, which contains valuable information on every phase of Home Canning and more than 300 Tested Recipes.



55 Pages  
Price 15c ppd.

Free—A copy of this book will be sent free with a \$2.00 order for Garden Seeds or with a \$5.00 order for Field Seeds. Ask for it.

# Mild Sweet PEPPERS

## Rich in Vitamins

One ounce of seed for 1,500 plants,  $\frac{1}{4}$  lb. to transplant one acre.

**CULTURE**—Sow seed in flats, or in the hotbed in March or April, and transplant seedlings, when 3 or 4 inches high to other flats or to paper pots. About the last of May, transplant to the garden, in rich, well-prepared soil, setting the plants in rows 3 feet apart, 20 inches apart in rows.

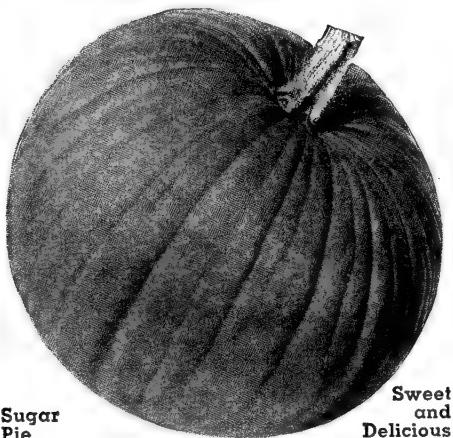
**NOTE**—The time from setting out plants to marketable condition is indicated here.

**532. KING OF THE NORTH**—(64 days). An early large pepper especially valuable in northern states. Fruits are enormous in size and color up a brilliant red much earlier than any other large sort. They average 6 inches long, 4 inches across. The flesh is thick, firm, very sweet and mild. Plants are literally covered with large peppers. Often one plant will have 8 to 10 mature fruits. Pkt. 15c.,  $\frac{1}{2}$  oz. 45c., oz. 75c., prepaid.

**534. HARRIS EARLY GIANT**—(63 days). An excellent first early sweet variety, for home and market garden use. Fruits resemble Bull Nose in form. Plants: dwarf, upright, very productive. Fruits: 4½ inches long, 3½ inches thick; gently tapered, 3-lobed, of sweet mild flavor; deep green changing to bright red. Pkt. 15c.,  $\frac{1}{2}$  oz. 45c., oz. 75c., prepaid.

**536. CALIFORNIA WONDER**—(68 days). A real quality pepper, mild and sweet. It produces smooth uniform fruits 4 inches in diameter and 5 inches long, mostly 4-lobed. The color is deep green, changing to bright crimson at maturity. The flesh is solid and thick. Pkt. 15c.,  $\frac{1}{2}$  oz. 50c., oz. 80c., prepaid.

For Pepper Grass or Cress see page 13.



Sweet  
and  
Delicious

### 543-CHEYENNE

#### New Pie Pumpkin of True Bush Type

(100 days). A genuine bush form pumpkin, recently introduced by the U.S.D.A. at their Wyoming station. Of small, handy size, the fruits are brilliant orange, with fine-grained, solid flesh, of deep golden-yellow, excellent for pies. Plants are very prolific. Pkt. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25, prepaid.

#### FOR BUGS ON VINE CROPS

PYROCIDE DUST protects Pumpkin Vines from squash bugs and beetles, which attack the leaves, causing them to wilt and become blackened and crisp. PYROCIDE is easy to use and it is non-poisonous. See page 12 for details. 1 lb. 60c., 5 lbs. \$2.50 ppd.

F. S. & N. CO.  
I wish to express my enthusiasm for the exceptionally high quality of both your seeds and plants. The Midget Sweet Corn, Logan Beans, Butternut and Rainbow Squash were all new varieties to us, and each was outstanding. I am heartily recommending your company to all my friends. Your catalog is an inspiration and the finest in offerings I have ever seen.  
Mrs. James H. Dice, Lake Crystal, Minn.

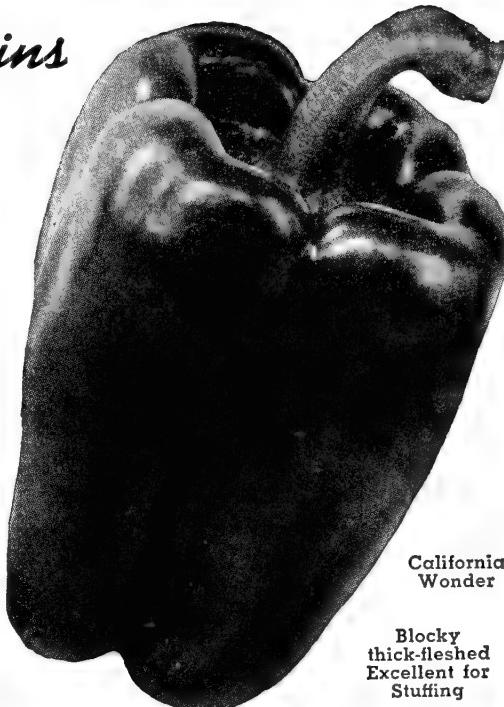
# PARSLEY

One ounce of seed sows 200 feet

Sow seeds as early in spring as possible, in shallow drills, covering with about  $\frac{1}{2}$  inch soil. Three to four weeks are required for germination.

**430. MOSS CURLED**—Dwarf and compact in habit, with densely curled and finely cut leaves of a rich dark green color. Should be freely used in salads, soups and sauces, as it is a valuable source of vitamins A, C, and B<sub>1</sub>, and it supplies calcium, phosphorus, iron and copper. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.,  $\frac{1}{2}$  lb. 75c., lb. \$1.40, prepaid.

**431. HAMBURG OR THICK-ROOTED**—The thick fleshy roots form the edible part of the plant, and impart a delicate Parsley flavor when used in soups and stews. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.,  $\frac{1}{2}$  lb. 75c., lb. \$1.40, prepaid.



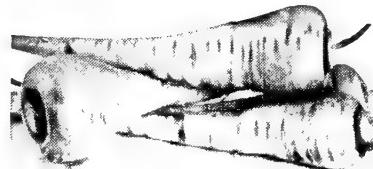
**537. LARGE BELL or BULL NOSE**—(58 days). A popular early sweet variety. The first on the early market. Plants: small, erect, prolific. Fruits: 3 inches long, 2¾ inches thick; blunt, deep green—changing to scarlet red; sweet, mild in flavor. Pkt. 15c.,  $\frac{1}{2}$  oz. 45c., oz. 75c., prepaid.

**539. RUBY KING**—(68 days). Excellent for home and market gardening, also for shipping. Plants: medium dwarf, erect vigorous, and very productive. Fruits: 5 inches long, 3 inches thick; tapering, dark green changing to ruby red at maturity. Flesh: thick, mild and sweet. Pkt. 15c.,  $\frac{1}{2}$  oz. 45c., oz. 75c., prepaid.

The beautiful rich green leaves of Curled Parsley are high in food value.

# PARSNIPS

One  
ounce  
of seed  
sows  
200 feet



Sow outdoors about April 15th in drills 2 feet apart; cover seed with  $\frac{1}{2}$  inch soil, thin out to 4 inches apart.

**435. WHITE MODEL**—(95 days). The Smoothest and Whitest Parsnip. Of medium length, fine shape and clean, smooth skin; flesh tender, sweet and fine textured. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.,  $\frac{1}{2}$  lb. \$1.20, lb. \$1.90, prepaid.

**436. HOLLOW CROWN (Guernsey)**—(95 days). Roots about 12 inches long, uniformly tapered, with a diameter at top of 2½ inches. Tender and sugary. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.,  $\frac{1}{2}$  lb. 75c., lb. \$1.40, prepaid.

# PEANUTS

**443. EARLY SPANISH**—The earliest variety, and best for the North. Plants are upright and compact, with small pods and nuts of fine flavor. Large pkt. 10c.,  $\frac{1}{2}$  lb. 35c., lb. 65c., 5 lbs. at 60c per lb., prepaid.

**444. LARGE VIRGINIA**—The main crop peanut, and the most extensively grown. Plants are erect, and of vigorous, rapid growth, with very large pods and nuts. Fine for dry, sandy soil. Large pkt. 10c.,  $\frac{1}{2}$  lb. 35c., lb. 65c., 5 lbs. at 60c per lb., prepaid.

Early  
Spanish



# Certified SEED POTATOES from Maine Michigan & Minnesota

Farmers can be sure of getting a better potato crop, by using Certified Seed, instead of local stocks, that may have run out, according to R. C. Rose, Plant Pathologist at University Farm. Virus diseases, such as spindle tuber, mosaic, yellow dwarf, and leaf roll are often present in table stock or garden crops. Seed used from a bin of these potatoes may carry enough infection to reduce the vigor of the crop the second year. This is what is known as "running out."

## Standard EARLY POTATOES Extra Early WARBA

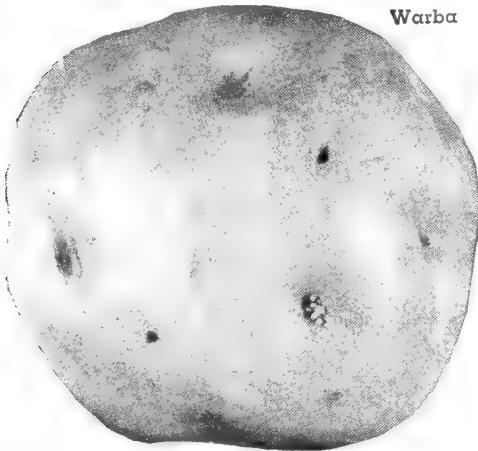
Disease-Resistant, Heavy Yielding, Excellent Cooking Quality. Keeps and Stores Better than any other Early Variety.

White Warba was developed by the Minnesota Agricultural Experiment Station—a cross of Triumph and a selected seedling. The tubers are uniform in size, short, round and blocky, with rather deep red eyes. The skin is creamy white and the flesh white.

Red Warba, a sport of White Warba, is like it in every respect except skin color, which is red. Flesh cooks white and mealy, with an exceptionally fine flavor. See Blue Figure Price List.

Dip Your Seed Potatoes in SEMESAN BELL solution to control diseases and insure high quality and yield. 2 oz. pkg. (treats 8 bu.) 50c; 1 lb. can (treats 75 bu.) \$2.00 ppd.

Warba



## EARLY OHIO

A Money Maker For Early Market

Adapted to Every Locality, Heavy Yielding, Always Dependable. Extra Fine Cooking Qualities.

Tubers run uniform, medium to large in size, oval in shape with blunt rounded ends and shallow eyes. Skin is light reddish pink, smooth, and the flesh is white, firm, fine-grained and unexcelled in quality. See Blue Figure Price List.

## IRISH COBBLER

Popular Early White of Excellent Quality

Does Well on a Wide Range of Soils. Resistant to Mosaic and Immune from Wart. Cooks Dry and Mealy.

Attractive creamy white tubers, medium to large in size, smooth, nearly round in shape, with blunt rounded ends; well-developed and slightly indented. Flesh white, of fine quality. Cobblers are famous for their heavy yield, excellent cooking qualities. See Blue Figure Price List.

### IMPORTANT!

We usually begin shipping Seed Potatoes about April 10th. Earlier shipments are sent at purchaser's risk, as railroads do not guarantee refrigerator service to destination. We cannot be responsible for delays in transit to distant points.

## BEST LATE Main-Crop POTATO

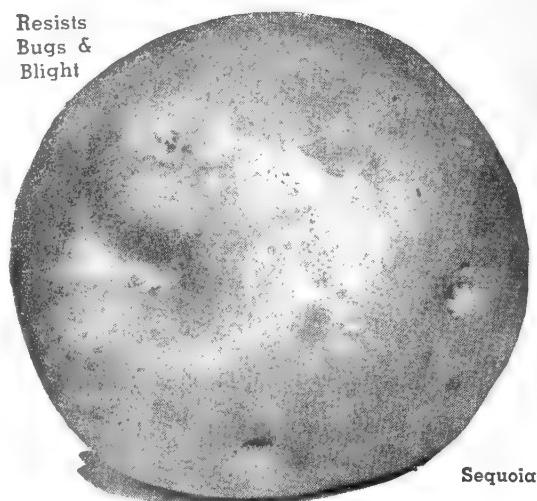
### SEQUOIA

Grow Potatoes without Continual Spraying!

Resistant to Late Blight, Mild Mosaic and Immune from Wart. Also Resistant to Leaf Hopper and Flea-Beetle. Requires Less Fertilizer to produce High Yields.

Developed from a cross of Green Mountain and Katahdin by the U. S. Department of Agriculture. Produces large roundish, flattened smooth white tubers with shallow eyes and white flesh, of finest cooking quality. For best results Sequoia should be more closely spaced in planting than other varieties. See Blue Figure Price List.

Resists  
Bugs &  
Blight



Sequoia

### DORMATONE

Prevents Potato Sprouting in Storage  
Improves Quality—See Page 8

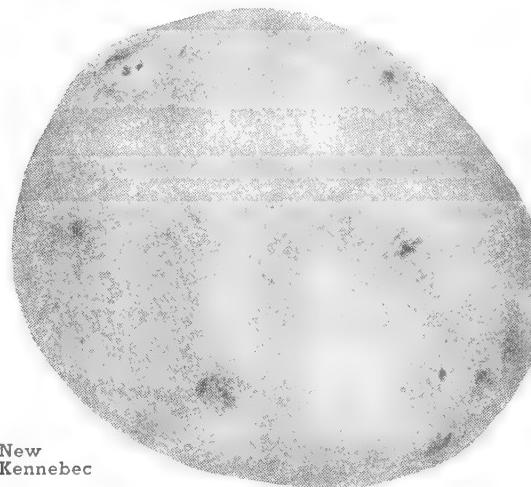
## NEW MIDSEASON POTATOES

### NEW KENNEBEC

You've Read About It!

The Most Resistant to Late Blight!

Here's the potato that has the greatest resistance of all, to troublesome Late Blight! Just released by the Maine Experiment Station and U.S.D.A., after years of research, Kennebec is midseason in maturity and has been widely tested throughout the U. S. The attractive tubers are white, smooth-skinned, with shallow eyes, and have excellent cooking quality and are good keepers. Also resistant to Mosaic and scab. It should be planted closer than other varieties, otherwise tubers tend to grow abnormally large. Results the past season indicate Kennebec's quality, high yields, and disease resistance, warrant the wide publicity this new variety has received. See back cover. See Blue Figure Price List.



### NEW SATAPA

Destined to Replace Chippewa

At last, a new midseason potato developed by Minnesota's Experiment Station, that produces more number 1 tubers, and keeps in excellent condition for many months!

New Satapa matures about the same time as Pontiac and Chippewa, but produces more No. 1 tubers than Pontiac, and has far better keeping ability than Chippewa.

Satapa has excellent cooking qualities, being superior to Pontiac. It cooks mealy and does not slough. Good for frying and baking. The flesh is firm and white. The tubers are medium in size, very smooth with shallow eyes, round in shape and salmon-red in color—just the type of tuber that's most popular with the housewife. See Blue Figure Price List.

New Satapa



### Certified SEED POTATO EYES

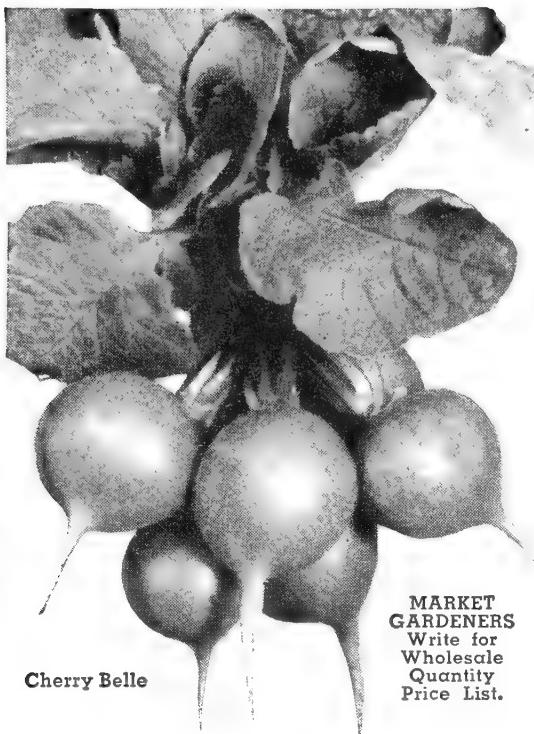
Freshly Cut at Shipping Time  
Guaranteed to reach you in  
Good Condition

Now you can grow the newest varieties without paying shipping charges on heavy, perishable tubers if you're some distance from Faribault. Order now, get your seed postpaid by mail at planting time. Live delivery guaranteed. Scientifically cut from certified stock, specially treated and packed to keep fresh until suitable planting weather. 100 eyes plant 100 hills. (For bumper yields, use Boost 'Em, page 67).

### PRICES POST-PAID

### SEED POTATO EYES

	Cut from Certified Seed
New Kennebec	{ 100 for \$2.10 200 for \$3.95 500 for \$8.75
Sequoia	{ 100 for \$1.95 200 for \$3.75 500 for \$8.50
All Other Varieties:	{ 100 for \$1.50 200 for \$2.75 500 for \$6.25



Cherry Belle

**MARKET  
GARDENERS**  
Write for  
Wholesale  
Quantity  
Price List.

**551. CHERRY BELLE** (22 days). Developed in Holland. Round, smooth, brilliant scarlet radishes, resemble cherries. Flesh: white, crisp, firm, retains good eating quality a long time. Features: earliness, exceptional resistance to pithiness, ideal shape and color, slender taproots, short tops. **Pkt. 10c, oz. 25c, 1/4 lb. 50c, lb. \$1.50, prepaid. See Inside Back Cover.**

**552. EARLY SAXA**—Profitable Early Market Variety. Previously called Red Robin. Ready to pull in 16 to 20 days. Color: rich scarlet; flesh, snow-white, crisp, juicy and mild; shape, slightly elongated globe. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

**553. EARLY SCARLET TURNIP**—(26 days). Scarlet-red, flesh crisp and tender. Roots quickly grow to an inch in diameter, turnip-shaped. Excellent for early planting. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

**554. EARLY SCARLET TURNIP WHITE TIP**—(26 days). A table dainty, crisp, tender and sweet. It is turnip-shaped, bright scarlet with a white tip, appealing to the eye and palate. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

# Tender Garden Crisp RADISHES

## The First Taste Thrill from Your Garden

One ounce will sow 100 feet of drill, 9 to 10 pounds per acre.

**CULTURE**—Quick growth makes Radishes crisp and tender, and to grow well, they must have cool weather and light, rich soil. Cover seed  $\frac{1}{2}$  inch. To have a continuous supply for the table, sow as early in the spring as possible, and at intervals of 10 days thereafter until May 15th. To have Radishes in fall, three sowings of early varieties may be made at weekly intervals, beginning August 15th.

Wormy Radishes can be controlled by dusting with Maggot Destroyer. By practicing crop rotation, and changing the planting site each year, serious soil infestation can be overcome.

## Quick-Maturing Varieties

**555. COMET**—(24 days). Brilliant scarlet globe type, with small tap root. Matures early, but remains in edible condition a long time, before becoming pithy. The combination of high quality and attractiveness creates a demand wherever grown. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid.**

**557. EARLY SCARLET GLOBE**—(24 days). Very early crisp, mild and tender. Bright scarlet in color, of uniform globe shape. One of the best for forcing and outdoor planting. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

**558. CRIMSON GIANT**—(28 days). Largest of all the early round radishes, of fine mild quality, it remains in perfect condition until an inch in diameter. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

**559. FRENCH BREAKFAST**—(25 days). A splendid variety for home use, oblong, blunt, about 2 inches long, it is rich scarlet in color, with a white tip. Flesh is solid, crisp and sweet. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

**560. WHITE ICICLE**—(27 days). Flesh remains crisp and tender until roots attain large size. Roots: 6 inches long, slender tapering at the tip, very white. Flesh: clear white, brittle and of mild, inviting flavor. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

F. S. & N. CO.

This summer I saw some tomatoes grown from your Faribo Hybrid "E" Tomato seed—and they were beautiful! Practically all other varieties were badly infected with blight in N.Y. state this season. Enclosed is my order for Hybrid Tomato and other vegetable seeds. I know I'll have good strong disease-resistant plants from your seed.

Mr. H. Baulig, Mohawk, N.Y.



White Icicle has crisp white flesh of mild inviting flavor.



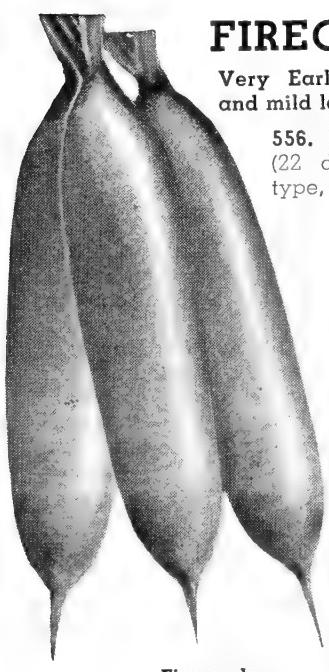
French breakfast—excellent for the home garden—early, sweet, crisp and tender.

## All-Season

### Radish COLLECTION

One Packet each  
**Early Saxa**      **Firecracker**      For only  
**White Icicle**      **Crimson Giant**      33¢ ppd.

One ounce each of above four varieties for 75c, ppd.



**FIRECRACKER**

Very Early—Remains crisp and mild long after maturing.

**556. FIRECRACKER**—(22 days). Distinct in type, this radish is long and slender, vivid scarlet in color and although very early, it remains crisp and tender much longer than other early sorts. Seed of this variety was formerly imported, but we have succeeded in growing our own seed. **Pkt. 10c, oz. 25c, 1/4 lb. 50c, lb. \$1.50, prepaid. Not prepaid, 5 lbs. at \$1.25 per lb.**

## "NOMAG" MAGGOT DESTROYER

Rids  
Gardens  
of  
ROOT MAGGOTS

Use Maggot Destroyer on Radishes, Carrots, Onions and Turnips, as well as on Cabbage, Cauliflower and Broccoli. Apply to stems and roots before setting out plants; dust on soil ten days after planting. This treatment will eradicate maggots and protect your crops.

Home Garden Size 60c, prepaid.  
Not prepaid, 5 lbs. \$5.00

## Winter RADISHES

Sow in early July and allow to develop during the fall months. Dig before frost and store in a cool place.

**565. CALIFORNIA WHITE MAMMOTH**—(60 days). An excellent variety with crisp white flesh of mild flavor. Roots grow 8 inches long and 2 inches thick, cylindrical and thickest at lower end. Fall and winter radishes require from two to three months to mature and the seed should be sown in midsummer. **Pkt. 10c, oz. 20c, 1/4 lb. 40c, lb. \$1.25, prepaid. Not prepaid, 5 lbs. at \$1.00 per lb.**

# SPINACH—Important in Your Diet

## Contains Vitamins A, C, G, Calcium and Iron

One ounce of seed will plant 100 foot row

Culture—Spinach succeeds best during the cool, moist weather of early spring, and should be sown just as soon as the ground can be worked, in rich, well-drained soil. Make a shallow furrow and cover the seed with  $\frac{1}{2}$  inch of soil, then firm. Make the rows 8 to 12 inches apart.

**585. GIANT NOBEL**—(45 days). An improved large, smooth, thick leaved spinach, slightly crumpled toward the center. Very crisp and tender, with a fine flavor. Large, vigorous, spreading plant, slow to form seed stalks, and extremely heavy yielding. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, prepaid. Not prepaid, 5 lbs. at 80c per lb.

## MUSTARD

Used for Greens Same as Spinach

Culture same as for lettuce.

**391. FORDHOOKE FANCY**—A handsome, mild variety, slow to bolt seed stalks; leaves bright green, plume-like, with fringed edges. Delicious as a salad, or cut and boiled like spinach. The reddish-brown seed is used for flavoring and in pickles. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25, prepaid.

**392. TENDERGREEN MUSTARD SPINACH**—A quick-growing variety, producing large, dark green leaves with small lighter green ribs. It is the only vegetable that is ready for table or market in 21 to 24 days after planting, and will produce from 8 to 9 crops a year. Mildly pungent, combining the flavors of mustard and spinach. May be used in salads or boiled like spinach. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.15, prepaid. Not prepaid, 5 lbs. at 90c per lb.

## RHUBARB SEED

One ounce of seed will plant 200 feet

**571. VICTORIA** A vigorous grower with thick, red stalks of excellent quality. Sow in April in drills one foot apart, covering  $\frac{3}{4}$  inch. Thin out to 12 inches apart in the row, when a few inches high. The following spring, transplant to deep, rich soil, 3 feet apart. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 90c, prepaid.

For Rhubarb Roots, see page 27.

## SALSIFY

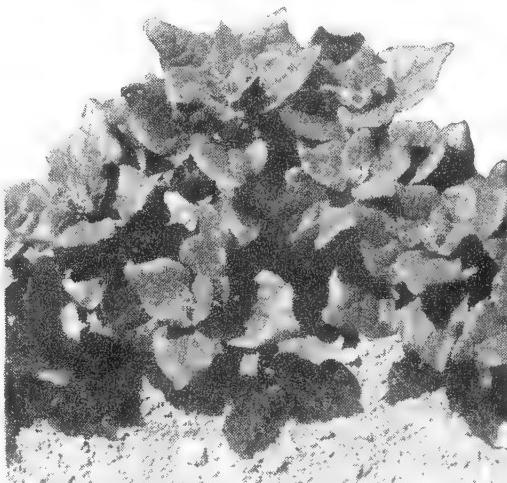
### Vegetable Oyster

One oz. for 100 ft. of row

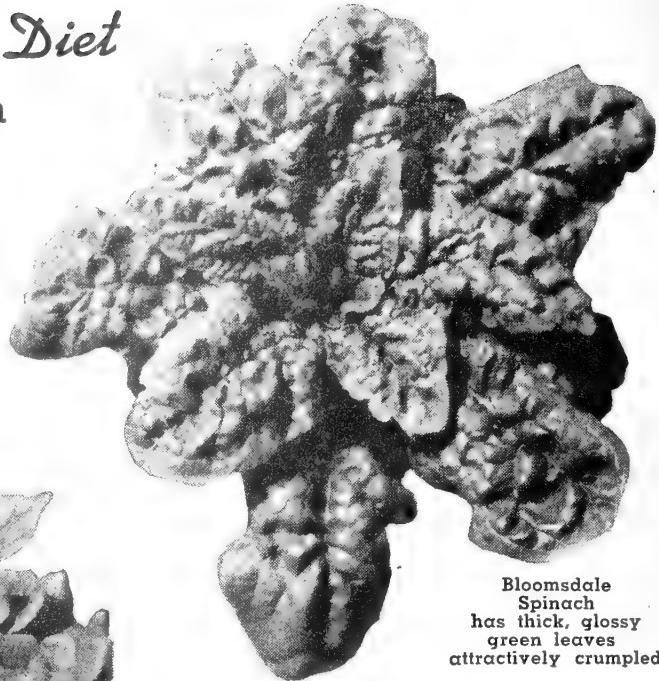
**578. MAMMOTH SANDWICH ISLAND**—A delicious vegetable, appetizing and nutritious, with a mild oyster-like flavor. Roots 6 to 8 inches long, from 1 to  $1\frac{1}{2}$  inches thick, tapering, smooth, dull white. Plants 1  $\frac{1}{2}$  ft. tall. Like parsnips, the flavor is improved by frost. The roots are ready for use in October, when a supply should be taken up and stored like carrots; the remainder may be left in the ground for use in spring. Pkt. 10c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50, prepaid.



**586. BLOOMSDALE LONG STANDING**—(39 days.) A very early, vigorous variety, desirable for home gardens, for shipping to distant markets and for canning. Plants erect in growth, hardy and attractive. Savoy type leaves, large, thick and dark glossy green. Quick growing, slow to run to seed. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, prepaid. Not prepaid, 5 lbs. at 80c per lb.



Sown in Early Spring, New Zealand will Furnish "Greens" from Summer to Frost.



Bloomsdale Spinach has thick, glossy green leaves attractively crumpled

**587. NEW ZEALAND**—(60 days). This green, distinct from spinach proper, thrives in hot, dry weather. It makes a large plant, with small, thick, deep green leaves, and grows with a branching, spreading habit to a diameter and height of two feet or more. Both leaves and stalks are fleshy and brittle and of finest quality when cooked. In harvesting cut only the 4-inch tips of branches. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00, prepaid. Not prepaid, 5 lbs. at \$1.75 per lb.

## SWISS CHARD

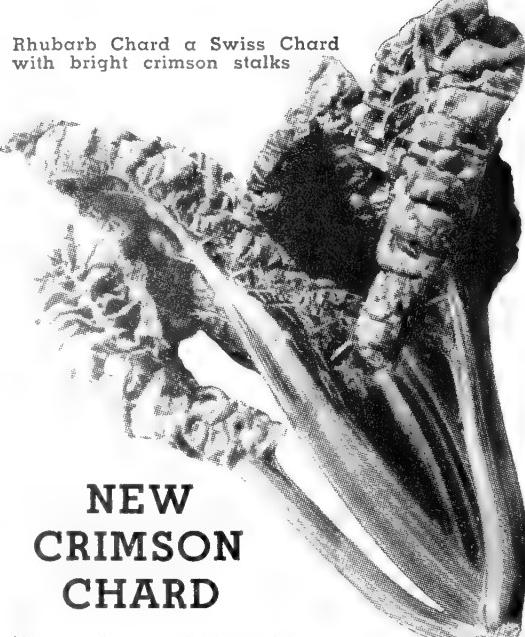
### Spinach Beet

One ounce of seed will plant 200 ft. of drill  
Swiss Chard is a summer green that will stand the hottest weather and continue to produce until frost. Use only the young tender leaves six to twelve inches long. Old large leaves must be pulled off and disposed of at regular intervals.

**588. LUCULLUS**—(55 days). Forms tall, sturdy plants, upstanding in habit of growth. Light green leaves, large, broad and heavily crumpled. Very tender when cooked. The thick white stalks are splendid for creaming like asparagus, and provide a most appetizing dish. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, prepaid. Not prepaid, 5 lbs. at \$2.00 per lb.



Swiss Chard Lucullus  
Eat Leafy Greens for Health, Swiss Chard is Rich in Vitamins



## NEW CRIMSON CHARD

Has a Sweet, Delicate Flavor You Never Knew Existed in a Leafy Vegetable

**589. RHUBARB CHARD**—(60 days). The leaf-stalks, considered by many as the most delicious part of the Chard plant, are bright crimson, the rich color extending out through the veins into the dark green, heavily crumpled leaves. Grow and cook it as you would other Chards, and you will find it even more delicious. The plant is so decorative and striking in appearance that it may be grown in the flower garden. Pkt. 10c, oz. 45c,  $\frac{1}{4}$  lb. \$1.35, prepaid.

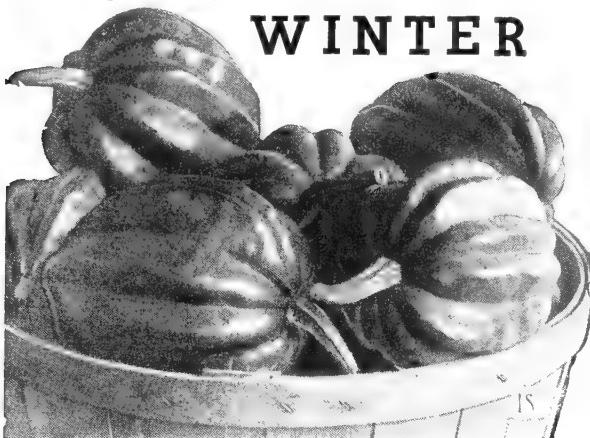
**590. LARGE WHITE BROAD-RIBBED CHARD**—(60 days). Here's a real treat for those who like cooked greens! Relished mainly for the broad, white, tender, succulent mid-ribs, in the smooth green leaves. The tender, thick-textured foliage has a particularly nice flavor when cooked like spinach. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 65c, lb. \$2.35, prepaid.

# Vitamin-Rich SQUASH

**Easy-to-Grow — Flavorful — Long-Keeping**

One ounce plants 50 hills—2 to 3 pounds per acre.

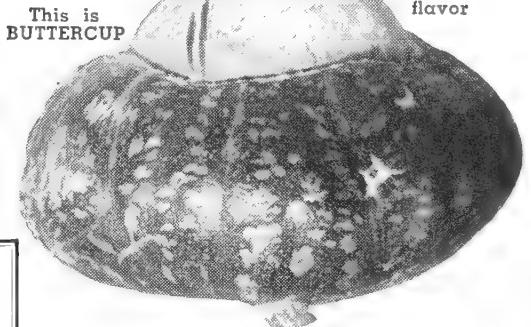
**CULTURE**—Sow in full sun, in warm, rich soil in hills, allowing 6 seeds to each hill. When plants have 3 to 4 leaves thin out leaving the 3 strongest plants. For protection against the squash borer, cover vine with soil at several joints. It will take root where covered and limit the damage done by the borer.



Split TABLE QUEEN in halves, bake and serve

**USE PYROCIDE DUST To Control Squash Bugs**  
One lb. 60c ppd. 5 lbs. \$2.50 ppd.  
For Description See Page 68.

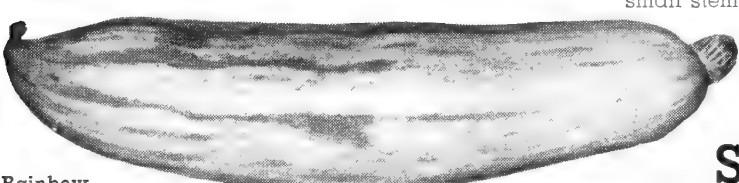
**621. BUTTERCUP**—(100 days). A recent introduction, outstanding in quality. The seeds are centered in the blossom end and the rest of the interior is thick, orange flesh, fine-textured, dry and sweet. Turban-shaped, the fruits weigh about 3½ lbs. The rind is thin and tough, dark green, with narrow gray stripes. Pkt. 10c, oz. 25c, ¼ lb. 80c, lb. \$2.75, prepaid.



This is  
**BUTTERCUP**  
Thick-fleshed of excellent flavor

## 622. UCONN All America

**"SPACE SAVER" SQUASH**—A new model of the ever-popular Table Queen or Acorn type, that grows in compact bush form, so that it occupies much less garden space, yet produces abundant yields of delectable, individual baking fruits, with rich, meaty flavor. Each plant takes 3 x 3 feet of space. Ideal for small gardens and valuable for market as it permits cultivation. Pkt. 15c, oz. 30c, ¼ lb. 85c ppd.



Rainbow

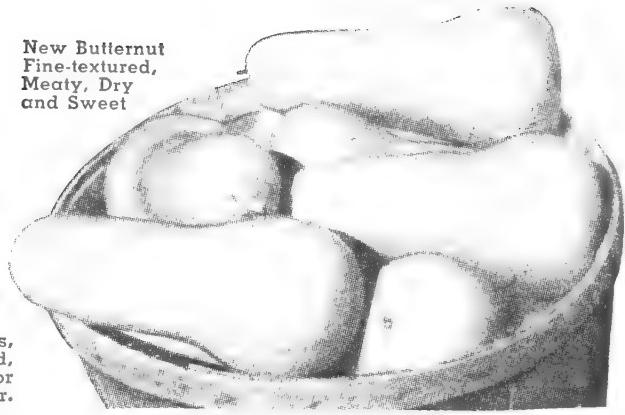
**623. RAINBOW**—Developed by Dr. A. E. Hutchins at the University of Minnesota Agricultural Experiment Station, from a cross of Greengold and Banana. About 15 inches long and 4 inches in diameter, the fruits weigh 3 to 4 lbs.—just right for serving the average family. Banana-shaped, with a thin, smooth, medium-hard shell; keeps well. The flesh is orange-yellow, thick, fine-grained, dry and sweet—delicious baked, boiled or steamed—nothing finer for canning or pies. Gray-blue stripes on a salmon-pink background. Pkt. 15c, oz. 35c, ¼ lb. \$1.00, lb. \$3.25, prepaid.

### F. S. & N. CO.

We have found out that all of your seeds grow very well. Have our locker full of Canner King Sweet Corn. We always have better crops with Farmer Seed and Nursery Co. seeds.

Mr. & Mrs. Edward W. Benson, Abingdon, Ill.

New Butternut  
Fine-textured,  
Meaty, Dry  
and Sweet



## WINTER VARIETIES

**NOTE**—In harvesting Winter Squashes, handle them gently. If the skin is bruised, the Squash will rot. Store on a shelf or rack so they will not touch each other.

**612. BUTTERNUT**—(100 days). Almost the entire fruit is clear, solid meat, as seed is contained in a small cavity at the blossom end. There is less waste and more meat. Bottle-shaped, 10 to 12 inches long. The skin is smooth and hard, and the flesh fine-textured, dry and sweet, of a deep yellow color. Makes delicious pies, and whether baked or boiled, the flavor is superb. Pkt. 10c, oz. 25c, ¼ lb. 80c, lb. \$2.75, prepaid.

**614. TABLE QUEEN**—(65 days). Early maturing and fine for home or market garden use and for shipping. Fruit: 6 inches long, 4½ inches diameter; weight 1½ lbs., acorn shaped, ribbed, smooth, thin shelled, dark green. Flesh: light yellow, bakes well, with inviting flavor. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$1.75, prepaid.

**615. GOLDEN TABLE QUEEN**—(65 days). Somewhat larger than the regular Table Queen, and of a beautiful deep golden color. Fruits are deeply ribbed, pointed at blossom end. The orange flesh is thick, dry and of fine texture. Edible from early fall throughout the winter. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$1.75, prepaid.

**630. NEW FARIBO HYBRID SQUASH "R"**—A first generation hybrid squash developed in Minnesota. The smooth 4 to 6 pound fruits are about the size of Greengold and somewhat resemble it in shape, but color is a fiery orange. The smooth skin and hard rind make it an extremely long keeper. Flesh is fine grained, dry, good-flavored, and of bright orange color. Tremendous yields. Pkt. 25c, 3 pkts. 65c, ¼ lb. \$2.00, ppd.

**627. BLUE HUBBARD**—(110 days). Superior in edible quality, larger in size and a better yielder and keeper than other Hubbard strains. Fruits large, round, pointed at both ends; slightly ridged, with very hard, blue-gray rind; weight 12-14 lbs. Flesh orange-yellow, thick, of fine flavor. Pkt. 10c, oz. 25c, ¼ lb. 65c, lb. \$2.10, prepaid.

**628. CHICAGO WARTED HUBBARD**—(110 days). Very prolific and a good keeper. The dark green fruits are heavily warty, pointed at one end and weigh about 14 pounds. The flesh is bright orange, fine grained, dry and sweet. Pkt. 10c, oz. 25c, ¼ lb. 65c, lb. \$2.10, prepaid.

**629. IMPROVED GREEN HUBBARD**—(105 days). A standard winter sort for home or market. Fruit: 12 inches long, 9 inches diameter; weight 12 pounds, pointed at both ends, slightly warty, dark bronze green in color; rind hard and tough. Flesh: very thick, orange-yellow, dry and sweet. Pkt. 10c, oz. 25c, ¼ lb. 65c, lb. \$2.10, prepaid.

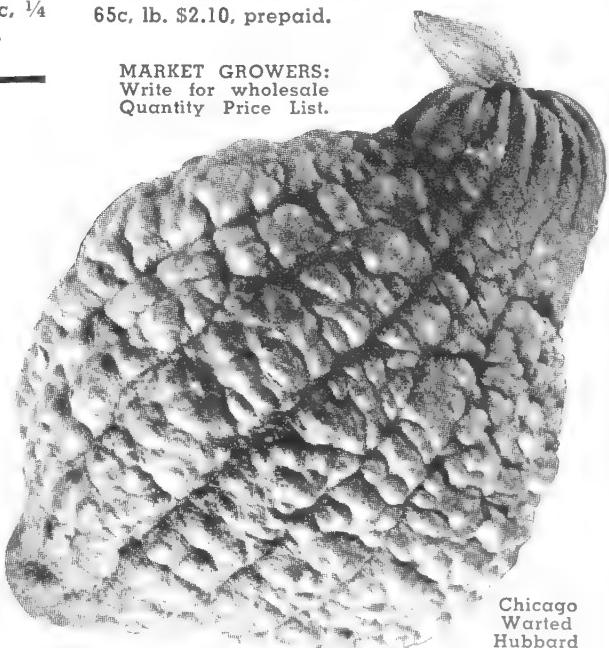
**MARKET GROWERS:**  
Write for wholesale  
Quantity Price List.

## SUMMER SQUASHES

The tender half-grown fruits of Summer Squash are delicious. Try dipping the slices in batter and frying them like Egg Plant. If fruits are kept picked before the shell begins to harden, the plants will bear until frost.

**601. COCOZELLE BUSH**—(65 days). Delicious when 6 inches long. Slice with skins on, boil 30 minutes and serve with butter. Continue to bear until frost if kept picked. Mature fruits 20 inches long, smooth, green, marbled with yellow. The flesh pale green, thick, firm, tender. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$1.75, prepaid.

**603. GIANT STRAIGHTNECK**—(60 days). Plants bushy and prolific. Fruits golden yellow, heavily warty, 18 inches long; flesh thick and yellow of delicious flavor and fine quality. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$1.75, prepaid.



Chicago  
Warted  
Hubbard  
Keeps all winter

# Meaty and Full-Flavored TOMATOES

Faribo Hybrid "E"

One Ounce Produces up to 4,000 Plants, Two Ounces Plant an Acre if set 3x4 feet.

**CULTURE**—Sow the seed in March in a sunny window, in boxes or flats, using a light sandy soil. The seed germinates in 10 to 12 days. When plants are 2 or 3 inches high, transplant them 2 inches apart each way, into other flats using the same kind of soil. In 3 weeks, transplant to small paper pots or 4-inch flower pots, to produce good stocky plants. Pot-grown plants will not suffer a set-back when planted out in the garden, as the roots need not be disturbed.

For a startling increase in yield use "Boost'em" on Tomato Plants. See Page 67.

## Extra-Early TOMATOES

Not Recommended for Staking

### 710. FARIBO HYBRID "E"



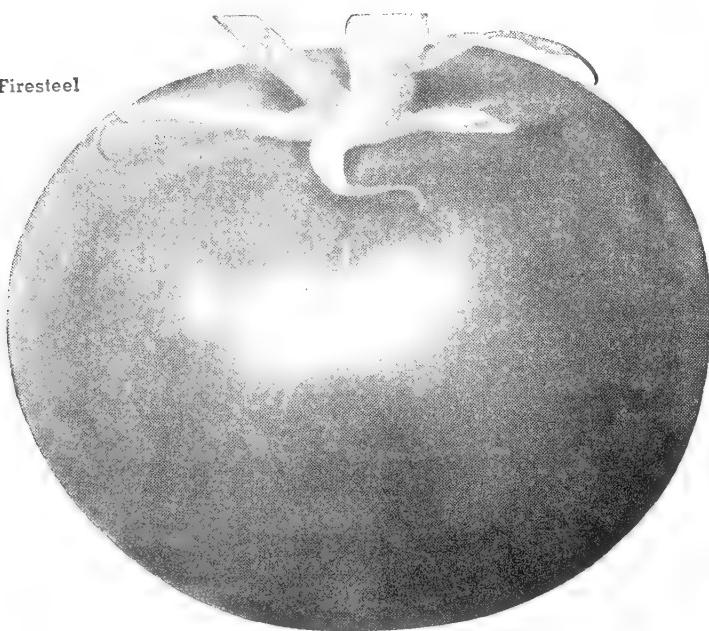
Resistant to Blight. An Early and Heavy Producer until Frost.

Unlike other early varieties, this tomato has large vigorous vines and continues to bear profusely until frost. The fruits are medium in size and perfect in shape—very smooth and entirely free from cracks and blemishes. The color is bright red throughout; quality and flavor excellent. Pkt. (30 seeds) 25c, 5 pkts. for \$1.00, 1/8 oz. (about 800 seeds) \$5.00, oz. \$35.00.

#### GROW PERFECT TOMATOES!

Keep vines healthy by dusting them regularly with Pyro-cuper Dust. Controls Blight, Mildew, Wilt and Leaf Spot, as well as insects preying on tomatoes. For prices see page 68.

Firesteel



## MID-SEASON OR MAIN CROP

720. FARIBO HYBRID "M"—A midseason hybrid introduced in 1949. Seed crop failure. Available again next season. Meantime try Hybrid "SE."

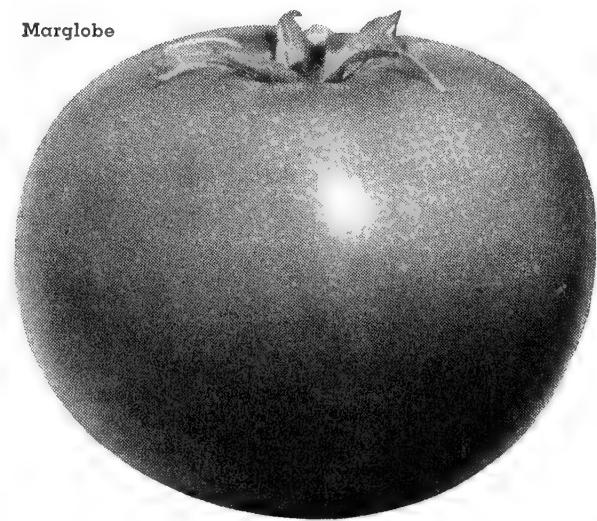
733. MARGLOBE A splendid main crop variety, resistant to wilt and immune to rust. Fruits are large, smooth, globular, meaty, deep red of fine quality and delicious flavor. Ripen uniformly and are free from cracks. Widely used by truckers, shippers and canners. It is also a favorite for the home garden. Pkt. 10c, 1/2 oz. 35c, oz. 60c, 1/4 lb. \$1.75, ppd.

735. RUTGERS Originated by the New Jersey Experiment Station, this tomato is disease resistant and a consistently heavy cropper. The fruit is uniform, globular, smooth, of medium size and very solid, with heavy cross walls and small seed cavities. It ripens evenly from inside out, to a uniform scarlet. Pkt. 10c, 1/2 oz. 35c, oz. 60c, 1/4 lb. \$1.75, ppd.

736. SOUTHLAND—The new main-crop tomato you have read about in magazines; produces big smooth, solid, brilliant scarlet fruits. Ripens evenly right to the stem, and fruits are free from stem cracks. Vines are medium sized, and are strong growers. Resistant to Fusarium Wilt, Collar Rot and Early Blight. Pkt. 15c, 1/2 oz. 70c, oz. \$1.25, prepaid.

738. NEW FARIBO CROSS NO. 2—This recent F2 hybrid development, made by crossing the best strains in Farmer Seed Research Fields, is far superior to standard varieties. Plants produce smooth, medium to large sized, solid scarlet fruits in abundance—a truly Market Garden tomato. This outstanding performer matures earlier, yet yields heavier than Rutgers. It has vigor, quality, and quantity; and seed is reasonably priced for large plantings. Pkt. 20c, 1/2 oz. \$1.00, 1 oz. \$1.75, prepaid.

Marglobe



# Novelty TOMATOES and Small Fruited VARIETIES



Trellis—If Your Garden is Small

## 744. Trellis

This Tomato climbs a Trellis. Often yields 2 bushels from a single vine.

Even the smallest garden can produce tomatoes in abundance by letting the vines climb a trellis. The quality of the fruit is excellent—solid, meaty and of fine flavor. The size averages 3½ inches across and 3 inches deep. Pkt. 15c, ½ oz. 45c, oz. 80c, prepaid.

## 745. Snowball

An Acid-Free Tomato, Mild-Flavored, Firm and Meaty

A beautiful ivory-white tomato everyone can enjoy as it contains less acid than any other variety. The flesh is alabaster-white, firm and meaty with a mild, rich flavor. The fruits are similar to Golden Ponderosa in size and shape. Pkt. 15c, ½ oz. 45c, prepaid.

### Novelty Tomato COLLECTION

Grow these tomatoes and delight your family with a salad composed of alternate slices of orange, frosty white, rich red.

Jubilee—Orange      One pkt. each  
Snowball—White      For 33c ppd.  
Rutgers—Red



Jubilee—A fine quality orange colored tomato.

## For SAUCE and PRESERVES

750. TINY TIM—These novel, miniature, ¾-inch tomatoes are easy to grow in house or garden. They make fascinating colorful house plants as they grow only 12 to 15 inches high and are loaded with clusters of brilliant scarlet miniature tomatoes. Ideal for garnishing, salads, or for use in preserves. Pkt. 25c, 3 pkts. for 65c, prepaid. (Shown in color on page 72.)

752. FARGO YELLOW PEAR—A delicious early tomato of novel appearance. An ideal sort for making fancy pickles, preserves, canning, etc. Fruit is pear shaped and of attractive golden color. Easily grown and yields wonderfully. Do not fail to try it. Pkt. 10c, ½ oz. 35c, oz. 60c, prepaid.

753. GROUND CHERRY OR HUSK TOMATO—(86 days). This is not a true tomato. Used as a novelty and for preserves. Flavor is outstanding. Excellent in combination with oranges, lemons or ginger. Fruit: small, yellow, round, enclosed in a loose, papery husk. Of delicate flavor. Vine: spreading and flat. Pkt. 10c, ½ oz. 35c, oz. 60c, prepaid.



## 754. New Faribo Ground Cherry

Fruits from 2¼ to 2¾ inches in diameter, firm, with exceptionally thick walls. Sweet-flavored and fine for making pies and preserves. Plants are vigorous and very productive. The giant fruits are enclosed in a loose, papery husk and turn yellow when ripe. Mature in regular ground cherry season. Pkt. 25c.

## BOOST 'EM PLANT STARTER INCREASES TOMATO YIELDS

See page 67 for Prices and Description

FARMER SEED AND NURSERY CO.,

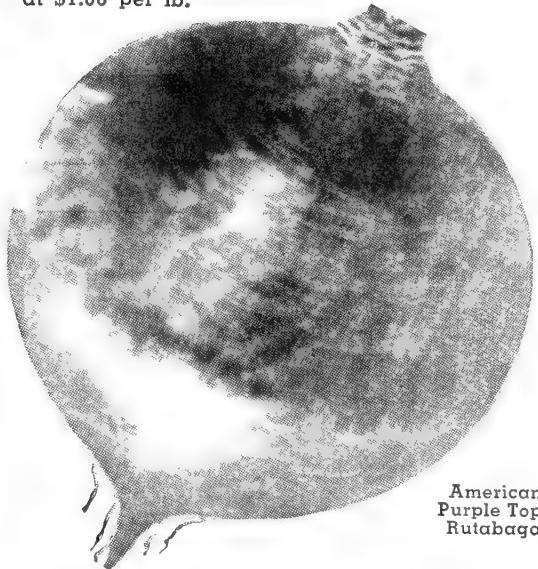
**TURNIPS**  
One ounce will sow 400 feet of drill—2 pounds per acre in drills; 3 pounds broadcast.

**CULTURE**—Turnips and Rutabagas do best in highly enriched, light loam soil. In rich soil and cool weather, they grow rapidly, without becoming bitter in flavor. Sow in April, in drills 12 to 15 inches apart, and thin out to stand 8 inches apart in the row. Rutabagas require a longer growing season than turnips and need more moisture. When full grown, they should be pulled, topped and stored in a cool cellar or pit. If cool and sufficiently moist to prevent withering, they will keep all winter.

For control of Root Maggots, use Maggot Destroyer—See Page 21.

**764. EARLY PURPLE TOP STRAP LEAF TURNIP**—(45 days). A medium early productive variety used extensively for home and market garden planting. Roots: 3 to 5 inch diameter, flat, purple red at the tops, white below. Flesh: white, fine grained and tender. Tops, medium, upright and compact. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. \$1.25, prepaid.—Not prepaid, 5 lbs. at \$1.00 per lb.

**762. PURPLE TOP WHITE GLOBE TURNIP**—(58 days). Our pure bred strain is noted for its uniformity and productivity. Roots: 4 to 6 inch diameter, large globe shaped, very smooth, upper part purple-red, white below. Flesh: white, sweet, crisp and tender. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. \$1.25, prepaid.—Not prepaid, 5 lbs. at \$1.00 per lb.



American Purple Top Rutabaga

## RUTABAGAS

**766. IMPROVED AMERICAN PURPLE TOP RUTABAGA**—(88 days). Our special strain is noted for its uniformity of shape and heavy yield. A dependable variety. Keeps well and of excellent quality. Roots: 5 to 7 inch diameter, large, round with small neck and slight tap root; yellow with purple top. Flesh: light yellow, firm, sweet and tender. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. \$1.25, prepaid.—Not prepaid, 5 lbs. at \$1.00 per lb.

**767. LAURENTIAN NECKLESS**—(90 days). A purple top globe having rich yellow flesh, fine-grained, tender and sweet. One of the deepest globes, very smooth and free from excess roots. A splendid keeper. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. \$1.25, prepaid.—Not prepaid, 5 lbs. at \$1.00 per lb.

## 775. VEGETABLE SPAGHETTI

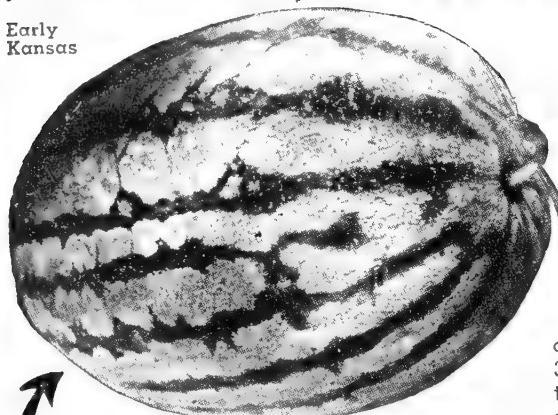
Also known as Golden Macaroni or Noodle Squash. Smooth, creamy-white fruits, 8 inches long and 5 inches thick. Pick when well matured. Store like squash for winter. Before cooking, puncture one end, place in kettle of hot water and cook 30 minutes. Cut in half, remove center seed core, and flesh will fall out in shreds, suggestive of spaghetti. Serve hot with salt and butter, or with a cream sauce. Pkt. 10c, oz. 30c, prepaid.

Faribault, Minnesota

Page 25

Newest Extra-Early

Early Kansas



# WATERMELONS

## IMPROVED WILT-RESISTANT STRAINS

Four ounces will plant 100 hills; sow 3 to 4 pounds per acre.

**CULTURE**—The best soil for growing watermelons is light, rich, and sandy. When the ground is thoroughly warm, and all danger of frost is past, drop 8 to 10 seeds in hills 8 to 10 feet apart, covering the seed about an inch. When the plants begin to run to vines, thin out all but the three strongest plants in each hill.

### 876. Kleckley's Sweet

A Giant Sweet Melon

(85 days). A splendid medium early variety, especially desirable for home garden use and for truckers serving local markets. It will not stand long distance shipping. A melon of outstanding quality and unusual sweetness. Fruit: large, weight 30 to 40 lbs., cylindrical dark bluish green, with thin, tender rind. Flesh is bright red, tender and extremely sweet. Seeds white. Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.25, lb. \$2.00, prepaid.

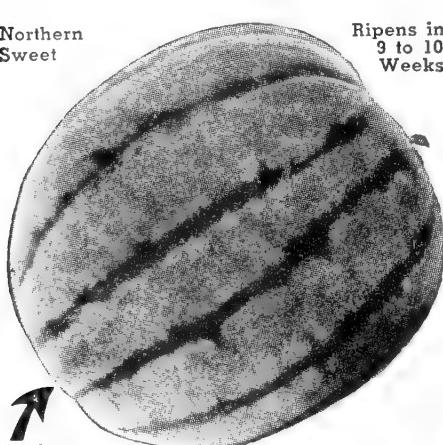
### 872. Early Kansas

Also known as Red Russian or Red Seeded Hutchinson

(80 days). Very popular on the markets of the Midwest, due to its earliness combined with large size, and its attractive appearance—plus fine quality. The skin is dark green with alternate stripes of a lighter shade. The rind is of medium thickness—well suited for carrying reasonable distances—and the flesh is a rich red color, of delightful flavor. Average size 15 by 13 inches; weight 40 lbs. Seeds brown. Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.25, lb. \$2.00, prepaid.

Northern Sweet

Ripens in 9 to 10 Weeks



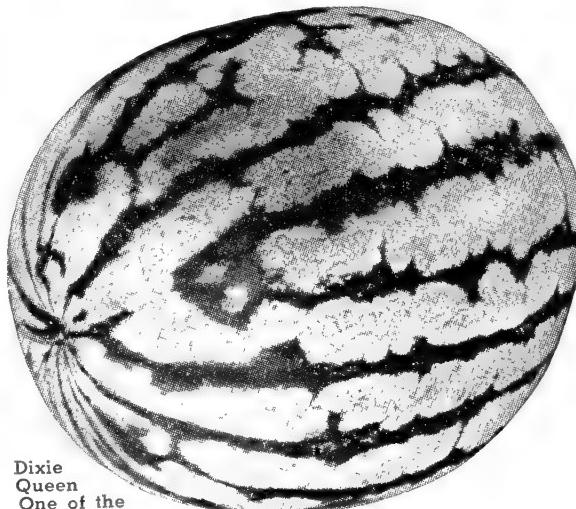
### 874. Early Northern Sweet

(75 days). This amazing melon ripens in 9 to 10 weeks from planting. Of an attractive green color, striped with lighter green. Flesh is dark red and tender, with a rich sugary flavor. Weighs 12 pounds. Splendid for early market or home garden. It is important that melons be picked as soon as they ripen, otherwise flesh tends to become slightly stringy. Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.25, lb. \$2.00, prepaid.

### 875. Dixie Queen

(85 days). An early melon of excellent quality. It is semi-round, with a thin, tough rind and stands shipping. The color is light green alternately striped with dark green. Weight about 32 pounds. The flesh is bright red, crisp and sweet, and the few seeds are small and white. Pkt. 15c, oz. 30c, 1/4 lb. \$1.00, 1/2 lb. \$1.50, lb. \$2.50, prepaid.

Dixie Queen  
One of the  
Sweetest



### The Pocket BOOK of— VEGETABLE GARDENING

By Charles H. Nissley

Practical advice on growing food plants and vegetables, includes specially prepared charts showing VITAMIN CONTENTS AND NUTRITIONAL VALUES as well as specific directions for raising each vegetable. There are charts for 10 vegetables.

**35c**

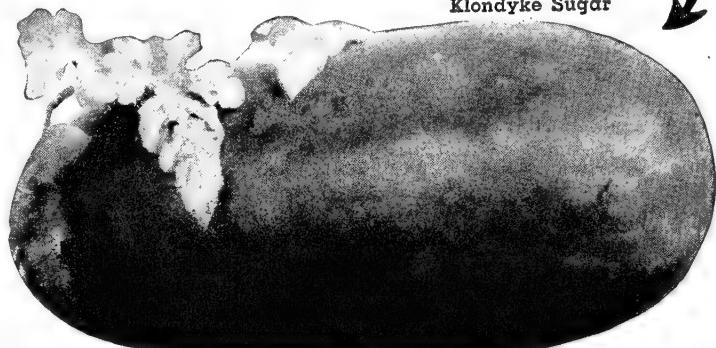
241 Pages Postpaid  
52 Illustrations

### 878. Klondyke Sugar

Wilt-Resistant

(90 days). For edible qualities and attractive appearance Klondyke is surpassed by no other melon. Solid dark green in color, with slight ribs running lengthwise. The rind is thick enough to stand shipping. Weight 25 pounds. The flesh is scarlet to the rind. A truly delicious melon, high in sugar content. Pkt. 15c, oz. 30c, 1/4 lb. \$1.00, 1/2 lb. \$1.50, lb. \$2.50, prepaid.

Klondyke Sugar

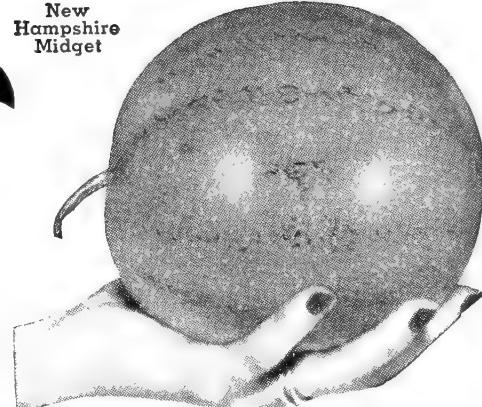


### 879. New Hampshire Midget

The Latest in Midgets  
See Page 72 for Color Photo

Ideal for the small family garden and especially valuable in northern sections, as it matures extremely early. Most early melons lack quality, but New Hampshire excels in both quality and flavor. Our stock is the result of a 2-year's selection from Dr. Yaeger's improved strain developed at New Hampshire Experiment Station. Fruits 7 to 8 inches long, are just right for individual serving. Our strain has fewer seeds, very thin rind, rich red flesh that is crisp and juicy with extra-high sugar content. Easy to grow, requires little space. Pkt. 25c, 5 pkts. for \$1.00, 1/4 lb. \$1.75, prepaid.

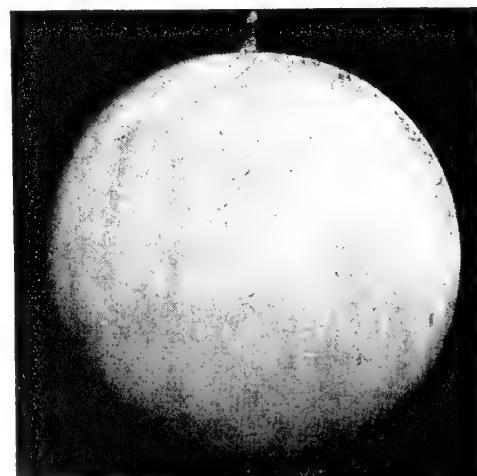
New Hampshire Midget



### 890. Citron

Used in Sweet Pickles, Preserves and Canned Fruit

For making preserves. Flesh: clear, white and solid. Fruit: round and smooth, quite small. Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.25, prepaid.



### 880. Winter Melon

Long-keeping, Lusciously sweet

(78 days). Here's a sweet, luscious watermelon for your Thanksgiving dinner, from your own garden. An early sort, very prolific and an excellent shipper. Like Honey Dew in size and keeping qualities. This melon will keep 2 months after picking if properly stored. Fruit: small, weight 10 lbs., round, pale yellow when ripening. Flesh: bright red, crystalline, very sweet. Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.25, lb. \$2.00, prepaid.

Winter Melon

# Quality Vegetable PLANTS and ROOTS



Husky, Stocky Faribo Hybrid Tomato Plants—Live Delivery Guaranteed!

## TOMATO PLANTS

### Faribo Hybrids & New Varieties!

**IMPORTANT!** When you order tomato plants, specify which of these dates you want shipment: APRIL 15, MAY 1, MAY 15, JUNE 1, JUNE 15. Order early, so we can grow them for shipment on the date you select, weather permitting. We supply healthy, husky greenhouse plants, properly packed to insure arrival thru the mails in live, growing condition, up to 800 miles from Faribault. We feature only Hybrid Plants and new improved varieties, which warrant the expense of packing and mailing. Plants of common varieties can usually be purchased from your local greenhouse. Varieties described on page 24.

On tomato plant orders less than \$1.00, add 15c for packing

FARIBO HYBRID "E" . . .	{ 8 Plants \$1.00, 18 Plants \$2.00 postpd.
FARIBO HYBRID "SE" . . .	{ 50 Plants \$5.00, 100 Plants \$9.00 postpd.
WIS. EARLY SCARLET . . .	{ 6 Plants 60c, 12 Plants \$1.00 postpd.
WISCONSIN No. 55 . . .	{ 50 Plants \$3.50, 100 Plants \$6.00 postpd.
NEW SOUTHLAND . . .	{ 6 Plants 50c, 12 Plants 90c postpd.
EARLY CHATHAM . . .	{ 50 Plants \$3.00, 100 Plants \$5.00 postpd.

For ONION PLANTS See Page 17

## CERTIFIED CABBAGE PLANTS

Grown for us in Texas and State Inspected for disease every 5 days. Grown on new land each year and "frost hardened" before shipment. Live delivery guaranteed. On orders under \$1.00 add 15c for packing, OR combine with your Onion Plant order (page 17) to make a minimum \$1.00 Texas Plant order.

EARLY ROUND DUTCH	{ 50 PLANTS ..... \$ .60 postpd.
EARLY FLAT DUTCH	{ 100 PLANTS ..... 1.10 postpd.
EARLY JERSEY WAKEFIELD	{ 200 PLANTS ..... 1.65 postpd.
GLORY OF ENKHUIZEN	{ 500 PLANTS ..... 2.95 postpd.
COPENHAGEN MARKET	{ 1000 PLANTS ..... 4.75 postpd.
*MARION MARKET	
(*yellows resistant)	Write for prices on larger quantities

## American Artichoke or Girasol

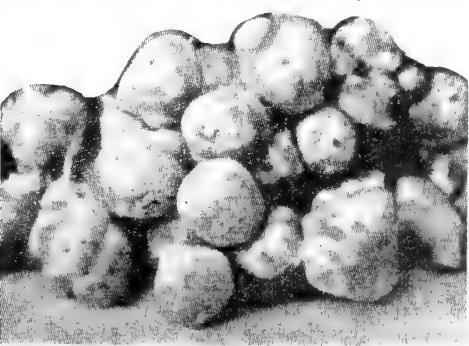
### The Diabetic's Potato—and A Valuable Farm Crop

A valuable food for diabetics and those not permitted to eat starchy foods. Tubers can be eaten cooked, or served raw in salads. They contain carbohydrates in the form of inulin instead of starch and need not be cooked to bring out their food value. Recipe Folder mailed free upon request.

Also makes an excellent farm crop, using the tops for fodder or silage, and the tubers as feed for cows, chickens and hogs. Dig only what

you need for winter storage and leave the balance in the ground until spring. In storage, spread them in layers with damp burlap bags between layers.

Diabetics may order this seed stock for immediate table use. Recipe folder is free on request. Price: 5 lbs. \$1.25, 10 lbs. \$2.25, postpaid.



## Asparagus Roots

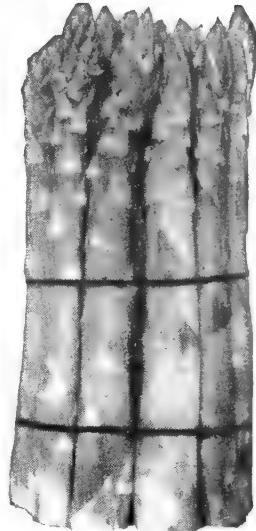
Set Roots 15 inches apart

Plant 15 Roots for each member of the family.

Ask for free circular, "How to Grow Asparagus."

**NEW EARLY PARADISE**—A sensational early maturing variety—produces normal crop one year earlier than other varieties and gives heavier production throughout its life. An exceptionally strong, vigorous producer—some growers claim it produces twice the crop of ordinary asparagus. Tips are large, crisp and tender and of fine mild flavor. Retains its delicious flavor when frozen, to provide fresh green asparagus in winter. Only 6 to 8 stalks required to the pound. Price same as Mary Washington.

**MARY WASHINGTON**—Rust Resistant. Produces dark green, thick stalks of beautiful appearance when bunched. Tips are firm and tight, and do not open out until quite tall. They remain extremely tender during the entire cutting season. These extra large tips can be cut for two months. Free from rust and other asparagus diseases. Once established it will produce fine stalks for many years. Heavy grade, 2-yr. roots of either variety: 25 for \$1.10, 50 for \$1.75, 100 for \$3.25, postpaid. Not prepaid; 500 for \$9.75.



**MINNESOTA 4-WAY CROSS**—A new and better asparagus developed in Minnesota by combining in crosses, four selected superior strains of Washington Rust Resistant. The number of stalks produced per plant averages about the same as ordinary Washington strains, however, Minnesota 4-Way Cross produces larger, heavier stalks so that the number of pounds produced per 100 plants averages 30% to 35% higher. It's significantly more profitable for market growing and outstanding for the home gardener. Supply limited. One year roots: 25 for \$1.65, 50 for \$3.00, 100 for \$5.00, postpaid. (Market growers write for quantity prices.) Shipment after April 1.

## BETTER ASPARAGUS... AND NO WEEDS WITH AERO CYANAMID

Kills weeds in asparagus rows without cultivation during cutting season. Here's the three-purpose asparagus fertilizer! It feeds the crop, kills the weeds, and supplies the much needed calcium—all in one easy application! Price: 5-lb. bag, with complete instructions, \$1.00 postpaid.

## Rhubarb Roots

Set Plants 4 feet apart with Crowns 2 inches below the surface

**NEW VALENTINE**—The last word in fine Rhubarb. Developed by the Ontario Experiment Station, Canada, it is considered the best of the new "all-red" varieties. Valentine has the richest color, the best flavor, the largest stalks and the fewest seed stalks of all the new red sauce producers. Choice roots, 95c each, postpaid.

**CHIPMAN'S CANADA RED**—Very sweet, tender, of fine flavor, with extra-large stalks, bright red, the red color extending even to the mid-rib of the leaf. Does not lose its bright color in cooking, and both sauce and pies are an appetizing cherry-red color. This hardy, everbearing type makes but few seed stalks. Price: 65c each, 2 for \$1.25, prepaid.

**MACDONALD RED**—Produces thick, succulent stalks, 18 to 24 inches long, with skin so thin and tender that peeling is unnecessary. Stalks are bright cherry-red from base to top; flesh white, fine-grained, low in acid, with a mild, rich flavor. Sauces and pies made from MacDonald require less sugar and have an appetizing red color when cooked. Remains tender a long time. Choice roots: 50c each, 2 for 90c, 6 for \$2.25, prepaid.

Just 3 Plants Are Enough  
for the Average Family

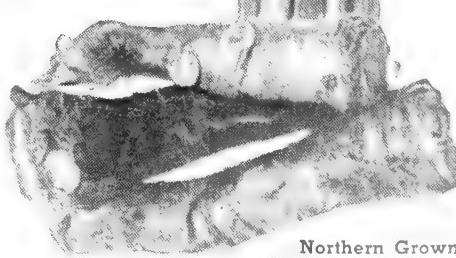


FOR BIGGER & BETTER  
TOMATOES & CABBAGES.  
For Earlier Harvest & Great-  
er Yields, Use:

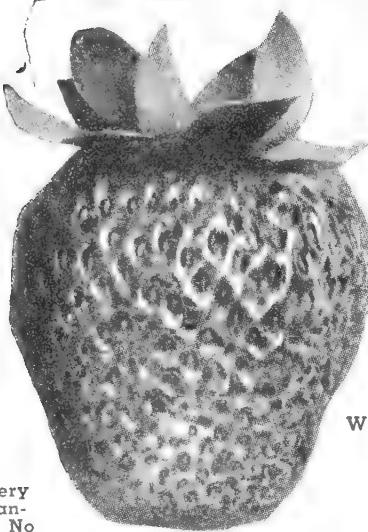
**BOOST 'EM**  
PLANT STARTER  
See Page 67

## Horse-Radish Roots

Minnesota grown native planting roots have clear white disease-free flesh. Grate up fine and tender and white as snow. It is just as important to change planting stocks in growing Horse-Radish as it is in growing potatoes to maintain best quality and yields. Price: 12 for 45c, 50 for \$1.25, 100 for \$2.25, prepaid.

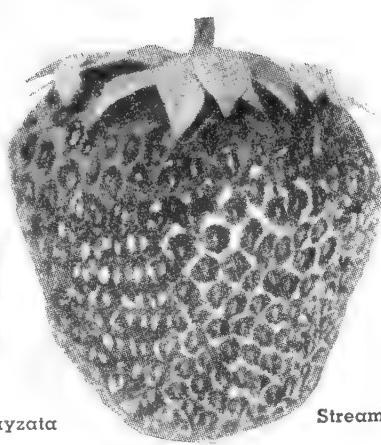


Northern Grown  
Horse-Radish Roots

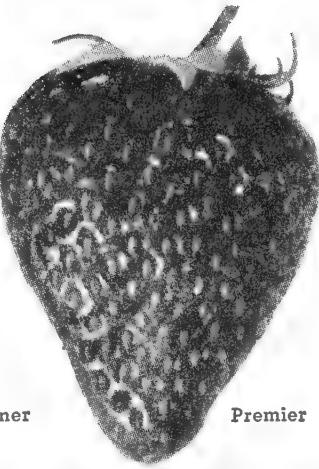


Live  
Delivery  
Guaranteed.  
No  
COD Plant Shipments

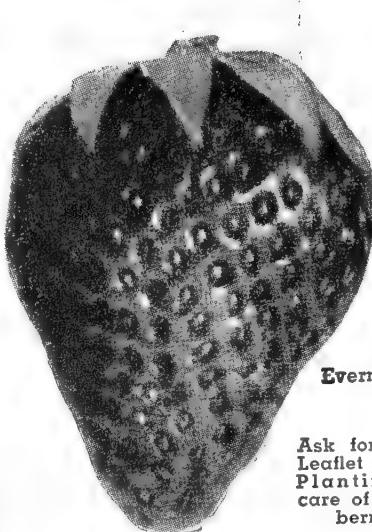
THESE DORMANT  
STORAGE PLANTS  
SHIP BETTER—  
GROW BETTER!



Streamliner



Premier



Evermore

Ask for FREE  
Leaflet on the  
Planting and  
care of Straw-  
berries

# STRAWBERRIES

## *The Newest and Best Everbearing Varieties*

Everbearers make few runners and can be planted closely. Make rows 3 feet apart and set plants 18 inches apart in the row. 9,680 plants are required for an acre.

GROWN IN THE  
LAKE MICHIGAN  
FRUIT GROWING  
REGION

### NEW STREAMLINER

The Ideal Berry for Quick Freezing

Starts bearing 60 days after setting out plants and continues bearing until heavy frosts. Big, luscious berries of fine flavor and good color—perfect for serving fresh, in shortcake, or for quick freezing. Plants are self-pollinating and heavy yielding—a quart of berries has been picked from a single plant.

Price: 25 plants for \$2.25, 50 for \$3.75, 100 for \$5.75, 250 for \$11.00, 500 for \$17.75, 1,000 for \$30.00, prepaid. See Back Cover for Color Photo of Streamliner.

### WAYZATA

Genuine Runner Plants—Not Offsets

Berries honey-sweet, red to the heart, with no green tips. Wayzata challenges the world in flavor, size and productiveness. Newly set plants start to bear in 60 days and continue for several months. The ideal plant for hill culture as few runners are produced. Set plants 12 inches apart with rows 12 inches apart.

Price: 25 plants for \$3.25, 50 for \$5.75, 100 for \$10.00, 250 for \$22.50, 500 for \$37.50, prepaid.

### EVERMORE

(Minnesota 1166)

An Everbearer developed by the Minnesota Experiment Station. Produces large, long-pointed berries—solid red clear through—with a flavor second to none. A splendid shipper and a great commercial variety, Evermore has been known to keep 5 days without refrigeration, and not to mold or spoil in the hottest weather.

Price: 25 plants for \$1.75, 50 for \$3.00, 100 for \$5.00, 250 for \$9.85, 500 for \$15.65, 1,000 for \$27.50, prepaid.

### GEMZATA

High Quality, Heavy Production

A cross of the well-known Gem and Wayzata—a triumph in strawberry breeding. Berries are extra large, firm, fine textured, with rich red flesh. Produces two full crops each year; successful on a wide range of soils and where other everbearers may fail.

Price: 25 plants for \$1.85, 50 for \$3.00, 100 for \$5.00, 250 for \$9.85, 500 for \$15.65, 1,000 for \$27.50, prepaid.

### NEW SUPERFECTION

Produces Berries 90 Days After Planting

Originated in the heart of the Michigan fruit producing belt, this New Everbearer is definitely one you will want to grow. Deep red all the way through and sweet as sugar, the berries are very large and almost round in shape, they are firm enough to stand distant shipping. A good plant maker and vigorous grower. Superfection begins producing fruit 90 days after planting first season and continues until hard freezing.

Price: 25 plants for \$2.40, 50 for \$4.35, 100 for \$6.75, 250 for \$13.50, 500 for \$21.00, prepaid.

### SCARLET GEM

Money-Making Everbearer

Well-shaped, well-colored Berries, solid and deliciously flavored. Plants healthy, vigorous, drought-resistant and productive. Produces a fine crop of berries in the fall—that sell at fancy prices—and again in the spring.

Price: 25 plants for \$1.65, 50 for \$2.85, 100 for \$4.50, 250 for \$8.75, 500 for \$13.85, 1,000 for \$22.50, prepaid.

## *June Bearing Varieties*

Set plants in rows 3½ feet apart. Space 2 feet apart in the row. 6,610 plants for an acre.

### NEW ARROWHEAD

Minnesota's Newest and Best

A new June bearing strawberry from the University of Minnesota Experiment Station. Plants are hardy, very vigorous growers and are highly productive. Because of the attractive large sized, firm, dark red, juicy, sweet berries, they are prized for market, freezing and jam. Be sure to include this new strawberry in your planting.

Price: 25 plants for \$1.10, 50 for \$1.80, 100 for \$3.00, 250 for \$6.50, 500 for \$10.00, 1,000 for \$17.50, prepaid.

### PREMIER

First Berry on Market, Long Fruiting Season

Plants bloom heavily before other varieties and command top prices when berries are in full bloom. Of finest quality, color and flavor, and is supreme for eating fresh, canning, freezing, instant and local markets. Plants are hardy, drought-resistant and immensely productive with tall healthy foliage covering blossoms and berries.

Price: 25 plants for \$1.10, 50 for \$1.80, 100 for \$3.00, 250 for \$6.50, 500 for \$10.00, 1,000 for \$17.50, prepaid.

### ROBINSON

Giant Medium-Late Scarlet Beauty

Ripens soon after Premier and continues bearing right through the late strawberry season, every berry a large one, right up to the last picking. Big round, blunt-pointed berries borne on large, thick fruit stems, well protected with heavy foliage. Solid red all the way through, with a tangy rich sweet flavor found in no other strawberry. Heavy, healthy plants make a fine wide fruiting and picking row. A wonderful shipping and canning berry.

Price: 25 plants for \$1.10, 50 for \$1.80, 100 for \$3.00, 250 for \$6.50, 500 for \$10.00, 1,000 for \$17.50, prepaid.

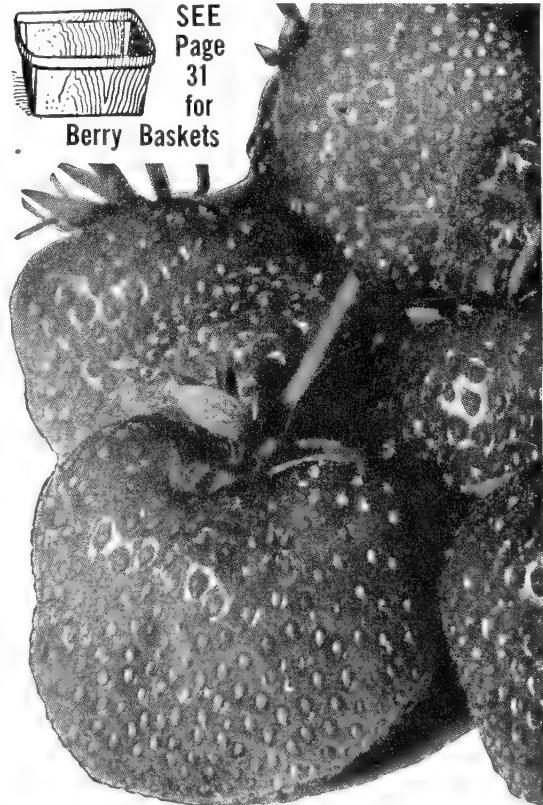
### SENATOR DUNLAP

Always Dependable, Succeeds Everywhere

Beautiful, glossy, dark red color all through, the flavor is delicious, mild and sweet. Wonderful for canning and preserves. The berries are medium to large in size, and medium firm—excellent for home use and local markets. Plants are healthy, fast growers and make runners freely. A dependable midseason sort.

Price: 25 plants for \$1.00, 50 for \$1.60, 100 for \$2.50, 250 for \$5.20, 500 for \$8.45, 1,000 for \$13.50, prepaid.

SEE  
Page  
31  
for  
Berry Baskets



New Arrowhead

# HARDY MINNESOTA GROWN NURSERY STOCK

*Order Early  
EARN  
Bonus Gifts*

**With Your Early Nursery Order**

**Look for the 3 Stars:** ★ ★ ★

Order Nursery Stock from any 3 star page (any page marked with 3 stars at the top: ★ ★ ★). Send us this order with full remittance **BY MARCH 15, 1950**, and you may choose from the BONUS GIFT list at right, one for each \$5.00 worth of stock you order from 3 STAR PAGES. For example: if your 3 STAR ORDER totals \$5.00, you may select one gift, if it totals \$10.00, select 2 gifts, and so on.

Gifts must be REQUESTED on orders and are given only on 3 star NURSERY ORDERS sent us by Mar. 15. We reserve the right to substitute if some items are out.



## BONUS GIFTS:

- (A) 3 Indian Summer Raspberry Plants
- (B) 1 Fredonia Grape
- (C) 1 Choice Peony Root\*
- (D) 2 Delphinium Plants
- (E) 1 Hardy Garden 'Mum'
- (F) 1 Choice Iris\*

\*Our Selection



## HOW YOUR NURSERY ORDER IS SHIPPED

**SMALL ORDERS**—On nursery orders under \$1.50, it is necessary to include 15c extra packing charge due to high cost of properly packing live plants. No packing charge on orders of \$1.50 or more.

**SHIPPING CHARGES**—Nursery orders in which all items are quoted prepaid will be shipped prepaid by parcel post or express, depending on which method is cheaper. Large shipments generally go express.

**NOT PREPAID ITEMS** include large size, heavy shade trees and are offered not prepaid by freight, truck, or express. Customer to pay express or freight charges when he receives shipment.

**ORDERS CONTAINING BOTH** Prepaid and Not Prepaid Nursery items will be sent in one shipment by express, not prepaid. With these shipments we will include extra stock representing a greater value than the postage on any prepaid items included in shipment.

**NO NURSERY SHIPMENTS INTO THESE STATES**—because of great distances and high permit fees: **Florida, New Mexico, Nevada, and Canada.**

**SHIPPING TIME**—We start shipping about March 15, depending on weather, and continue through April and May. We try to have shipment arrive at best planting time in your section.

## HOW YOU CAN OBTAIN A LANDSCAPE PLAN

If you want an accurate, properly balanced landscape plan, tailor made to fit your home grounds, complete with specifications, laid out in an easy to read manner, send for our "LANDSCAPE QUESTIONNAIRE." It explains how you may obtain such a plan and tells exactly what information we must have. Send for your questionnaire promptly, as we cannot prepare landscape plans after March 15.

## OUR FAIR PLAY GUARANTEE

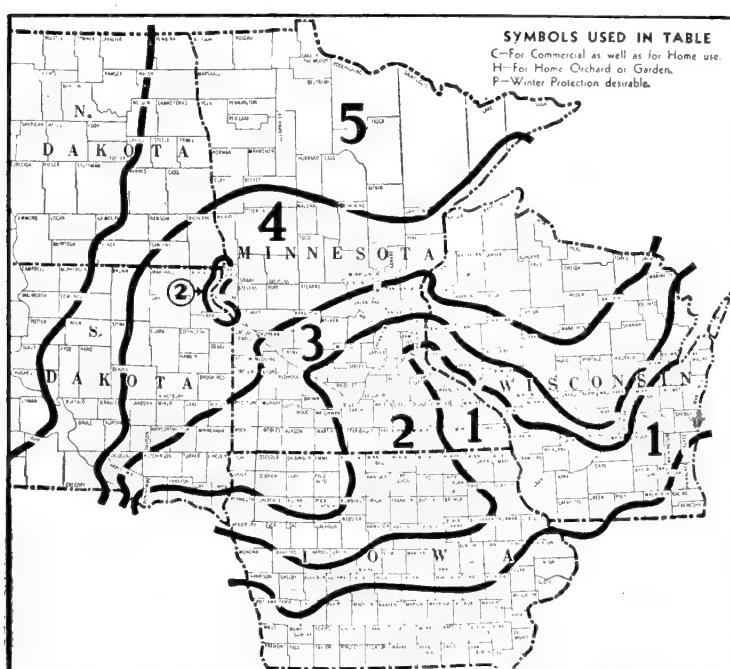
All of our Nursery Stock carries the Minnesota Inspection Certificate and is guaranteed true to name and in good growing condition. If for any reason you do not find everything just as represented, notify us at once and we will order shipment returned, refund your money, or replace the items without charge.

Any tree or plant that dies the first growing season we will replace at half the catalog price, the following spring, if loss is reported by October 15th following date of purchase.

We cannot be responsible for losses other than the above.

## BEST FRUIT VARIETIES FOR THE UPPER MIDWEST

The varieties suggested for planting in each zone on the map below, are selected not only for hardiness required in the zone, but also for their ability to mature fruit in the duration of the average growing season in each zone. Where a variety is suggested only in Northern zones, it indicates that better quality varieties should be grown in more southern zones.



Fruit Growing Zones:	1	2	3	4	5
Chief (red)	C	C	C	CP	CP
Latham (red)	C	C	CP	CP	
Sunrise (red)	H	H	CP	CP	
Newburgh (red)	C	C	C	CP	CP
Indian Summer (red)	H	H			
Sodus (purple)	HP	HP	HP	HP	
Cumberland (black)	HP	HP	HP		

### RASPBERRIES RECOMMENDED:

Fruit Growing Zones:	1	2	3	4	5
Chief (red)	C	C	C	CP	CP
Latham (red)	C	C	CP	CP	
Sunrise (red)	H	H	CP	CP	
Newburgh (red)	C	C	C	CP	CP
Indian Summer (red)	H	H			
Sodus (purple)	HP	HP	HP	HP	
Cumberland (black)	HP	HP	HP		

### APPLES RECOMMENDED:

Fruit Growing Zones:	1	2	3	4	5
Anoka				H	H
Delicious	H	H			
Haralson	C	C	C	H	H
N. W. Greening	C	C	H		
Red Van Buren	C	C	CC	H	H
Wealthy	CC	CC	CC	H	H
New Beacon	C	C	C	H	H
New Fireside	C	C	H	H	H
New Mautet	C	C	C	H	H
New Minn. 790	C	C	C	H	H
New Oriole	C	C	C	C	H
New Minjon	C	C	C	H	H
New Prairie Spy	C	C	H	H	H
New Redwell	C	C	H	H	H
New Victory	C	C	C	H	H
Minnetonka Beauty	C	C	H	H	H

### PEARS:

Fruit Growing Zones:	1	2	3	4	5
Bantam	H	H	H	H	H
Parker	H	H	H	H	H
Patten	H	H	H	H	H
Seedless	H	H	H	H	H

### GRAPES:

Fruit Growing Zones:	1	2	3	4	5
Beta	H	H	H	H	CP
Concord	HP	HP			
Fredonia	H	HP	HP		
Caco	H	HP	HP		
Portland	H	HP	HP		
Van Buren	H	HP	HP	HP	

# ★ ★ ★ Certified Disease Free RASPBERRY PLANTS

## BIG RED LATHAM

One Inch in Diameter!

The nationally known King of Red Raspberries. Originated in Minnesota, and grown everywhere. A perfectly hardy, strong, vigorous grower, outyielding all others. Most profitable for market. **Quantity prices below.**

## RED CHIEF

Ten Days Earlier

Popular early variety—most profitable for early marketing. For continuous fruit production we recommend Chief and Latham. Excellent quality and good yielder. **Quantity prices below.**

## INDIAN SUMMER

Everbearing Red Raspberry

A Two-crop Red Raspberry developed by the New York Experiment Station. Bears in summer and again in fall, continuing until frost. The berries are large, somewhat conical, of medium red color and high quality. Plants are hardy and vigorous growers. A real chance to profit from fall marketing. **Quantity prices below. See color photo inside front cover.**

## SODUS

Purple Raspberry

A purple Raspberry especially noted for fruit production. Berries are large, firm, fine quality and have a wine-red, purple color. You will prize this variety highly. **Prices below.**

## CUMBERLAND

Black Raspberry

Most profitable Black Cap berry to grow—produces big crops year after year—succeeds on all kinds of soil. Berries extra large, glossy-black. (See color photo page 36.) **Prices below.**

## PRICES ON RASPBERRY PLANTS

Size	Prices Below are all Prepaid					Express not Ppd.		
	6	12	25	50	100	200	500	1000
Red Chief or Sunrise }	{ 1 yr. Standard.....	\$1.00	\$1.85	\$3.65	\$ 5.95	\$11.00	\$16.95	\$29.85
	{ 2 yr. Heavy.....	1.20	2.25	4.10	7.75	13.95	21.35	38.45
Latham }	{ 1 yr. Standard.....	1.15	2.00	3.90	6.85	12.35	18.55	35.00
	{ 2 yr. Heavy.....	1.25	2.35	4.40	8.15	14.65	23.00	43.95
Indian Summer }	{ 1 yr. Standard.....	1.25	2.25	4.20	7.75	13.85	20.25	40.50
	{ 2 yr. Heavy.....	1.35	2.45	4.65	8.55	15.35	24.75	49.50
Sodus Purple	1 yr. Standard.....	1.35	2.35	4.15	7.55	13.75		
Cumberland Black }	{ 1 yr. Standard.....	.90	1.45	2.65	4.85	9.15		
	{ 2 yr. Heavy.....	1.65	3.00	5.65	10.35	19.35		



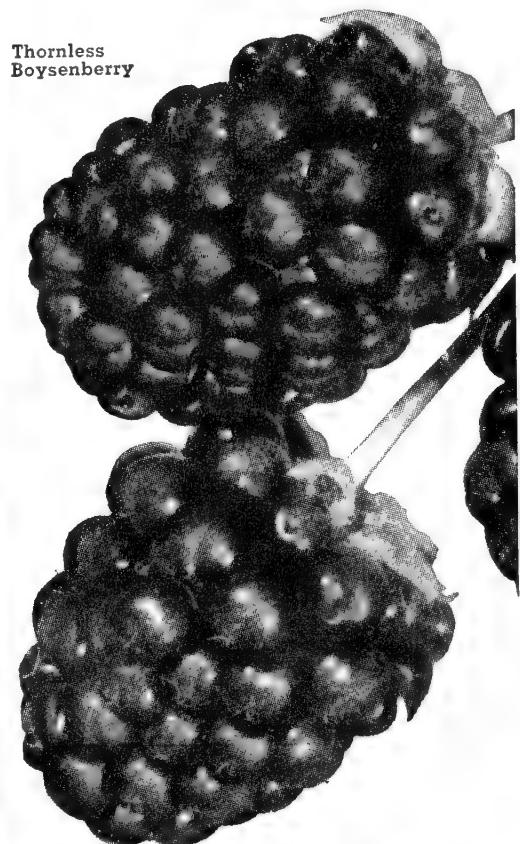
## SUNRISE

Extra Early—Fine Quality

A new red raspberry developed by U. S. Dept. of Agriculture. It's extra early—(2 weeks ahead of Latham), yet berries are large and have better texture, finer quality and more flavor than Latham. Very hardy and disease resistant. **Prices below. Color photo on page 36.**

NURSERY DEPARTMENT ★ ★ ★  
On Nursery Orders less than \$1.50 Add 15c Packing Charge

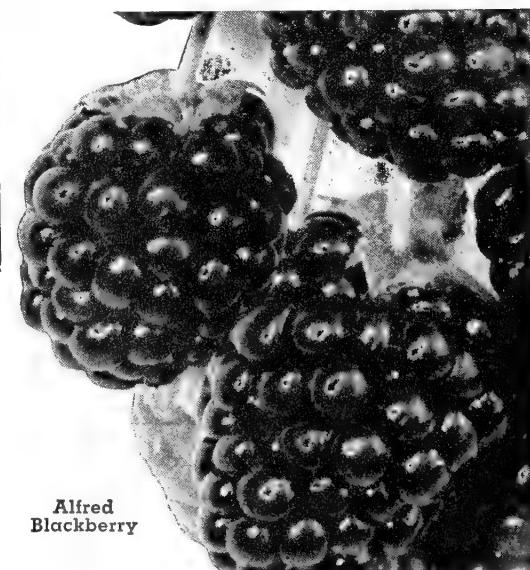
Thornless Boysenberry



## THORNLESS BOYSENBERRY

The largest bramble berry. Berries are 1½ to 2 inches long, and of purple color. Flavor is superb and rich. A pleasing blend of Raspberry and Dewberry—fine for eating fresh or canned. A real money maker for market. Requires some winter protection.

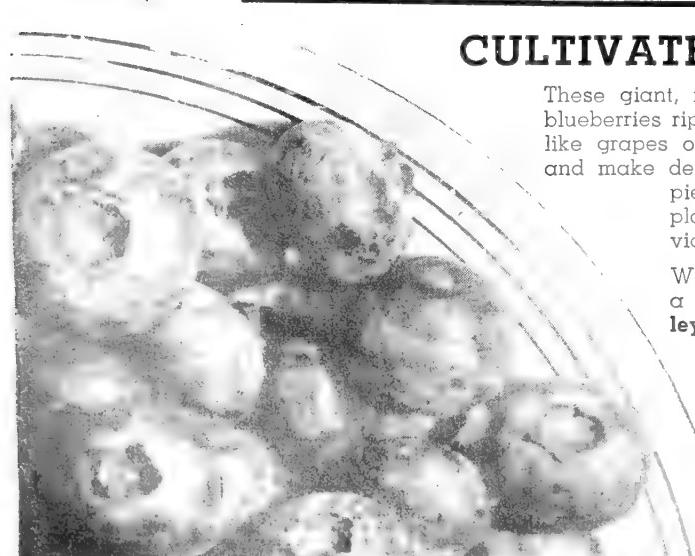
1 yr. plants: 6 for \$1.45, 12 for \$2.60, 25 for \$4.45, 50 for \$8.10. 2 yr. plants: 6 for \$2.75, 12 for \$5.00, 25 for \$9.00, 50 for \$16.00, ppd.



## ALFRED BLACKBERRIES

A crop the second season. Berries are twice as large as ordinary blackberries—often 1½ inches long. The ideal table berry—of fine flavor and practically coreless, with but few small seeds. Stands 35° below zero.

1 yr. plants: 6 for \$1.00, 12 for \$1.75, 25 for \$3.15, 50 for \$5.75, 100 for \$10.45, ppd.

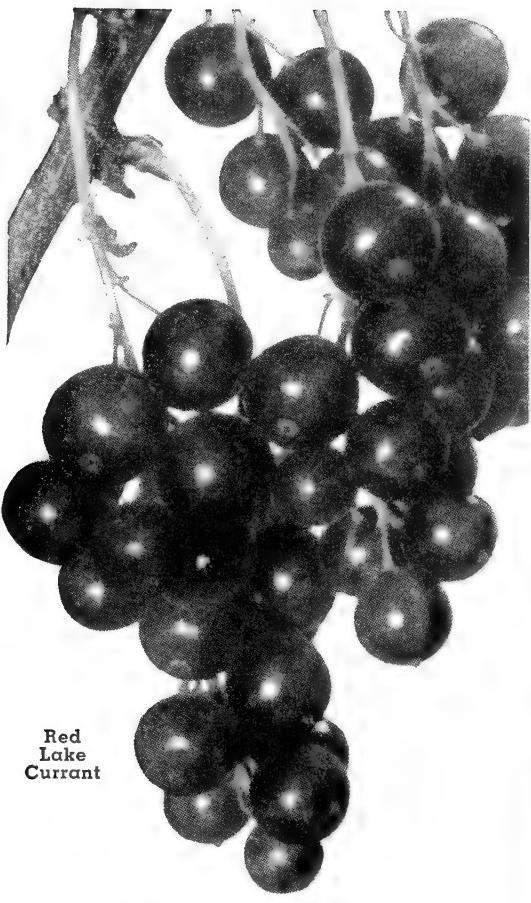


## CULTIVATED BLUEBERRIES

These giant, mild-flavored, practically seedless blueberries ripen in July. They grow in clusters like grapes on 3 to 5-foot ornamental bushes, and make delicious dessert—eaten fresh or in pies and jam. Grow three or more plants to insure pollination and provide sufficient fruit for family use.

We offer the three best varieties for a prolonged picking season: **Stanley** (early), **Rubel** (midseason), and **Jersey** (late). Complete instructions and package of Soil Conditioner included with each order.

**3 PLANTS, one of each, 12 to 18-inch 3-year size (usually bear following year) prepaid for..... \$4.35**



Red  
Lake  
Currant

## CURRANTS RED LAKE CURRANTS (Minnesota 24)

A Minnesota introduction, producing heavy crops of big, red berries in long clusters. The bushes are strong and vigorous with healthy foliage. Makes beautiful sparkling bright red jelly. Prices below.

## NEW CASCADE CurrANT (Minnesota 70)

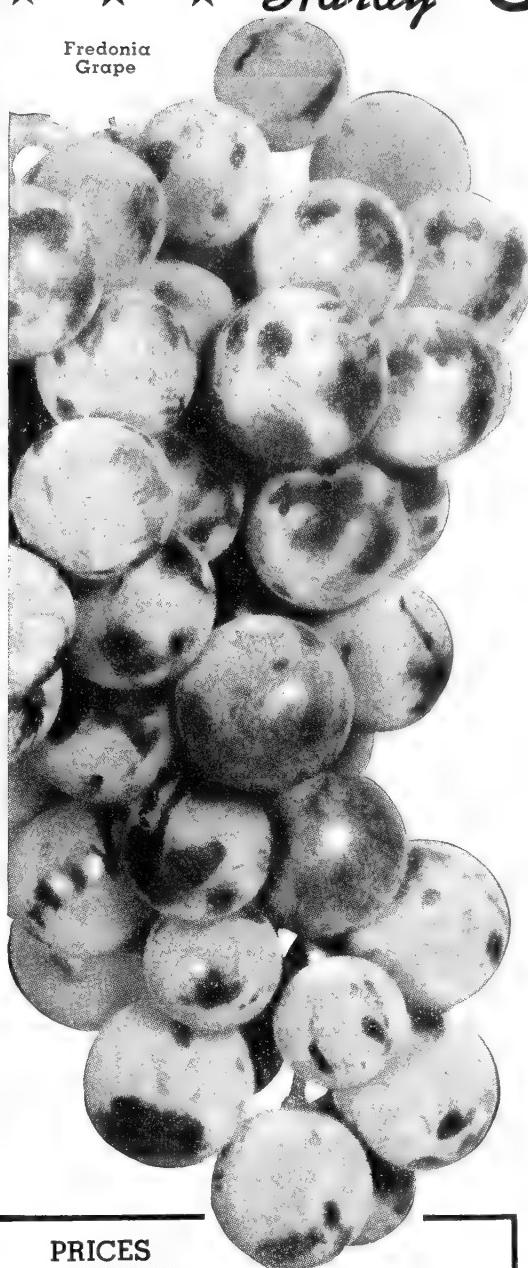
A new high quality, extra big fruited currant from Minnesota that has a larger berry and ripens a week earlier than Red Lake. Just as hardy and heavy yielding as Red Lake but has shorter stems and more upright growth. Prices below.

New Pixwell  
Gooseberry



# ★ ★ ★ Hardy GRAPE PLANTS

Fredonia  
Grape



## FREDONIA

### Early Black Grape

The earliest large-berried Grape for the North—three weeks earlier than Concord. Vines are vigorous—clusters of medium size, very compact. Offers great opportunities for market or home use. Prices below.

## CONCORD

### The Standard of Quality

The most popular grape for market or home use. Large bunches of bluish-black berries with delicious flavor. Keeps well and ships well. See page 29 for adaptability. Prices below.

## BETA GRAPE

### Hardy as Wild Grapes

Always dependable, producing heavy crops every year. Fruit of medium size, good quality, early—excellent for jelly and grape juice. Prices below.

## PORTLAND

### White or Green Grape

A large, white grape of good quality, from New York. Earlier than Niagara and destined to replace that variety. Vine requires winter protection in Minnesota, according to recommendations on page 29. Prices below.

## CACO

### Attractive Red Grape

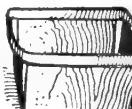
Most popular red grape. Extra large; rich and sweet; delicious flavor. Makes beautiful jell. A rapid grower; early and heavy bearer. Vines require winter protection in Minnesota, according to recommendations on page 29. Prices below.

## VAN BUREN

### Extra Early Blue Grape

Newest and finest of the blue grapes, and earliest to ripen. Bears large, compact bunches of handsome, dark blue berries that are superb for jam, jelly and wine. Vine requires winter protection in Minnesota, according to recommendations on page 29. Prices below.

## AMERICAN BERRY BASKETS



Materials are still scarce, but we have been assured American Berry Baskets and offer them subject to delivery and further price changes.

### Prices for American Berry Baskets:

Quart Baskets: 100 for \$2.60, prepaid to 3rd zone. Not prepaid, 250 for \$4.40, 500 for \$7.95, 1,000 for \$14.50.

Pint Baskets: 100 for \$2.10, prepaid to 3rd zone. Not prepaid, 250 for \$3.90, 500 for \$6.80, 1,000 for \$12.50.

Weight: 500 qt. size, 38 lbs.; 500 pt. size, 35 lbs. Crates Not Available.

PRICES on GRAPES CURRANTS and GOOSEBERRIES					
	Each	Three	Six	Ten	
<b>GRAPES:</b>					
Fredonia or Beta	2 yr.....	\$0.45	\$1.20	\$2.10	\$3.00
Concord.....	2 yr.....	.40	1.00	1.75	2.50
Portland or Caco	2 yr.....	.55	1.50	2.65	4.00
Van Buren.....	2 yr.....	.95	2.45	—	—
<b>CURRANTS:</b>					
Red Lake....2 yr. heavy.....	0.60	1.65	3.00	4.50	
Cascade....2 yr. heavy.....	.70	1.95	3.55	5.65	
<b>GOOSEBERRIES:</b>					
Pixwell....2 yr., postpaid...	.90	2.50	4.75	7.65	
Carrie....2 yr., postpaid...	.70	1.90	3.50	5.45	

## GOOSEBERRIES NEW "PIXWELL" GOOSEBERRIES

Developed by Dr. Yeager at North Dakota Station. Has very few, soft thorns. Berries hang 2 inches below branches and are much easier to pick than other kinds. Extremely hardy even in Canada. The large bushes bear heavy loads of super-quality fruit.

## CARRIE GOOSEBERRIES

A heavy yielder of good-sized fruit. Perfectly hardy and recommended by Professor Hansen as foremost in quality and productiveness.

## ALL ROUND SPRAY FOR HOME ORCHARDS



For you "home garden" fruit growers who have only 3 or 4 trees of various sorts, here's a new "one-package" insecticide—fungicide spray preparation for apples, pears, plums, cherries, peaches, grapes, berries and other fruits. It enables you to apply a simple but complete spray program for all the various applications, except dormant spray. All in one package with full directions.

1 lb. Canister (makes 12 gals. solution), \$1.00 postpaid. 4 lb. Canister (makes 48 gals. solution), \$3.25, postpaid.

# ★ ★ ★ What You Should Know BEFORE YOU BUY NURSERY STOCK

Common rooted fruit trees may look the same as Northern rooted trees—may even start all right. But when the first hard winter comes along, with little or no snow for protection, common rooted trees are quite sure to be injured or even killed, leaving a dead or crippled orchard.

An apple tree is no harder than the root it is grafted on. Hardy root stocks are as vital to your orchard as a good foundation is to your home.

Actual tests show that common, tender root

stocks are the greatest cause of failure in the orchard. Commercial growers know how important root stocks are to the life of their trees.

In tests, 50 common rooted, and 50 Northern rooted trees of same size were planted under identical conditions. Note the difference at 17 years. Many common rooted trees are gone entirely—those remaining are one-third the size of the Northern rooted trees, and produced one-fifth as much fruit. So beware of common rooted, Southern grown stocks. See the difference in the photo shown here.

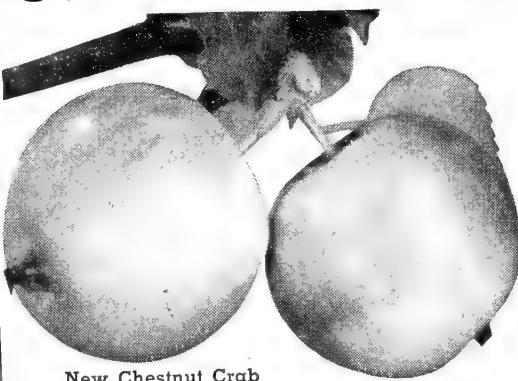
## PLANT—Northern Rooted Fruit Trees



Left—17-year-old McIntosh grafted on common root stock. Root could not endure Minnesota conditions—it died completely, leaving tree to exist on small scion roots which sprouted above the graft. Result: weak growth—poor crops.

Right—17-year-old McIntosh grafted on our special Northern roots. The success of this tree is due to the hardy, sturdy root which anchors tree securely and makes possible vigorous growth and heavy crops.

## The Finest in CRAB APPLES



New Chestnut Crab

**NEW PIOTOSH CRAB**—A new crab from Canada that's even better than Whitney for eating, canning, pickles, or preserves. Medium large, bright red color, very attractive. Bears heavier than Whitney, with better quality, flavor and hardiness.

**NEW RED RIVER CRAB**—A cross of Dolgo Crab with the famed Delicious Apple! It combines beauty and jelling quality of Dolgo with the sweet flavor of Delicious. Hardy in Canada.

**WHITNEY CRAB**—A favorite in the home for canning and preserving. Fruit is of good size—very high color. Immense crops.

**DOLGO, THE LAWN TREE CRAB**—Has rare beauty as an ornamental lawn tree, and is perfectly hardy. The apple itself is a very rich red, and jells perfectly, even when dead ripe. A fine canning crab.

**NEW CHESTNUT CRAB**—A delightful new eating apple from Minnesota's Experiment Station. Fruits are intermediate in size between a standard eating apple and a crab apple—just the right size for school lunches! Beautifully colored, red over yellow, giving an attractive reddish bronze appearance. Flesh is crisp and juicy with pleasing nut-like flavor. It lacks the strong acid flavor of ordinary crabs. Nothing finer for eating fresh, for sauce, pies or pickles! Extremely hardy and cedar rust resistant.

### Prepaid Prices: CRAB APPLE TREES

	1 to 4 EACH	5 to 9 EACH	10 or more EACH
All Prepaid			
3 to 4 ft. ....	\$0.80	\$0.70	\$0.55
4 to 5 ft. ....	1.00	.90	.75
5 to 6 feet. ....	1.25	1.15	1.00

## Grow HARDY PEARS that Thrive in the NORTH

NORTHERN FRUIT GROWERS:  
See page 29 for  
varieties best fitted  
to your climate.

**PARKER PEAR**—Introduced by the Minnesota State Fruit Farm, this splendid pear is now recommended for the southern half of Minnesota and similar latitudes. The fruit is medium to large, with smooth skin; color, yellow-bronze with faint blush. Flesh is fine-grained, tender, sweet, and juicy. Fruit ripens in early September.

**PATTEN PEAR**—This pear has been thoroughly tested and is now recommended for planting in southern Minnesota and suggested for trial in favorable locations farther north. The fruit is of good size, resembles Bartlett in form and color; very tender, juicy and of good quality. Season, September.

Now that it is so clearly demonstrated that these Pears can be successfully grown in Minnesota, all orchards should include a good assortment.

**BANTAM PEAR**—NOW a real high quality eating pear, with hardiness of a Duchess apple! Latest sensation of Minn. Fruit Farm. Flavor of the luscious fruit—a big surprise. Not a large pear—but makes up in quality what it may lack in size. A vigorous grower, free from blight, stands severe cold. For eating or canning, this pear has made a place for itself. Ideal for lawn planting.

**NEW SEEDLESS PEAR**—A new pear from South Dakota that appears hardy in central sections of Minnesota. Fruit is of the long type, about two and a half inches in diameter, with very juicy, melting white flesh with no hard center core, and no seeds! It combines hardiness with splendid eating quality.

Plant these hardy northern Pears  
and experience the saving and the  
satisfaction of growing your own.

### PREPAID PRICES: HARDY PEARS

PEARS:	SIZES	1 to 4 EACH	5 to 9 EACH
Bantam.....	{ 3 to 4 ft. (2 yr. heavy).....	\$1.30	\$1.25
Seedless.....	{ 4 to 5 ft. (2 yr. heavy).....	1.60	1.55
Parker.....	{ 5 to 6 ft. (2 yr. heavy).....	1.85	1.75
Patten.....			

New  
Seedless  
Highest Quality  
Super Hardy

# ★ ★ ★ Northern Rooted APPLES TREES

## Standard Varieties

**ANOKA**—A summer apple that ripens very early. Sometimes bears second year after planting, but fruit lacks quality. Beacon and Van Buren produce better fruit.

**DELICIOUS**—A favorite winter apple that's dependable only in the most favorable areas of southern Minnesota and further south. See map, page 29. Fruit is large, all red, sweet and delicious.

**DUCHESS**—(See Red Van Buren).

**HARALSON**—The most popular winter apple among Minnesota commercial growers. Large size, deep red color, and excellent flavor. Keeps in perfect condition until late spring. Free from blight and tends to bear early. Can be grown throughout Minnesota.

**MINNESOTA NO. 790**—A new baking apple that has proved better than Rome Beauty in Hotel & Restaurant Association tests! A beautiful large red winter apple that holds its shape when baked. Nothing finer for pie or sauce. Hardy, heavy yielder, hangs well on tree.

**NORTHWESTERN GREENING**—A popular old winter variety, with large, smooth, handsome green fruit, turning yellow when mature. A good winter keeper and a splendid cooking apple, especially fine for pies.

**RED VAN BUREN**—A summer apple of Duchess type, but with better color—it's solid red! Ripens in Duchess season, it's just as hardy, it has all the good qualities of Duchess, but much more attractive.

**WEALTHY**—One of Minnesota's most popular late fall apples. Bright red, large size, with juicy, sprightly flavor. A good eating apple that yields heavily and keeps into December. Grown throughout Minnesota.

**YELLOW TRANSPARENT** (See New Oriole)

## A New Patented Apple

**NEW MINNETONKA BEAUTY**—(Plant Patent 474.) A most promising new winter apple for areas as far north as St. Paul. Important features: Quality is exceptional—pleasantly mild, sub-acid—it's considered as good as Delicious! Hardy for the southern one-third of Minnesota. Attractively colored, bright red. Ripens September 20 to 30. An unusually good keeper, it maintains quality into spring months. Special: 4 to 5 ft. trees, \$1.25 each, prepaid.

## New Apples from Minnesota's Experiment Station

**BEACON**—A better summer apple that ripens a few days after Duchess, but is not so perishable. It keeps well into Wealthy season! There's no finer early red eating apple—it's highly colored, has fine quality and flavor, it's solid red, very hardy and a heavy bearer.

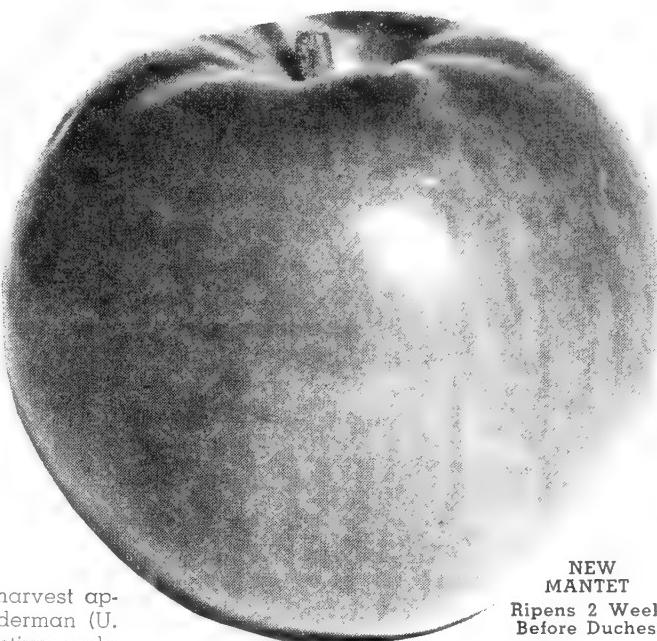
**FIRESIDE**—NOW! A MINNESOTA DELICIOUS that's hardy for Minnesota! Truly a triumph of fruit breeding. Flavor and texture even better than Delicious, although fruit is not so highly colored. Fireside is a large, long keeping winter apple with the finest flavor ever produced at Minnesota's Fruit Farm. Flesh is crisp, sweet, juicy—never becomes "flat and mealy."

**NEW ORIOLE**—(Minn. 714). A new harvest apple from Minn. Fruit Farm. Prof. Alderman (U. of Minn.) says of it: "A large attractive early summer apple of top quality for dessert or cooking." Destined to replace such varieties as Yellow Transparent. Color is red over yellow. Profitable for home or market.

**RAIRIE SPY**—An extra long-keeping winter apple with the BEST QUALITY of any available in late winter and early spring! For eating or cooking it's unsurpassed by any apple that stands up so well in storage for many months. It bears very young and heavily, fruit is big, bright red and of excellent flavor.

**REDWELL**—A new early winter apple from University Farm. Above medium size and bright solid red. Moderately juicy, its pleasantly mild flavor makes it a good eating apple of Wealthy type. Excellent for baking and cooking. Fruits hang well to trees even in high winds. A dependable bearer. Keeps until January.

**VICTORY**—A new Minnesota model of the old McIntosh! It has McIntosh shape, color and quality but ripens a week later, and keeps a month longer. Flesh is firmer, color is better, tree is harder, fruit is not inclined to drop before harvest and it cooks and bakes better than McIntosh.



NEW  
MANTEL

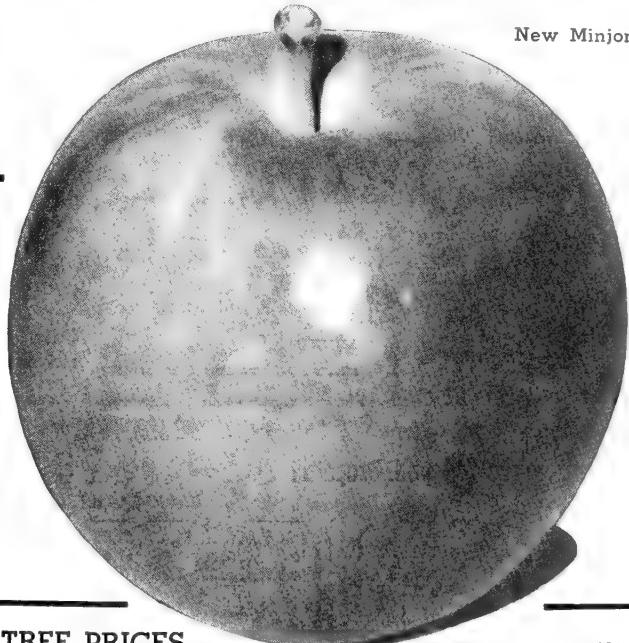
Ripens 2 Weeks  
Before Duchess

**MANTEL**—Prof. Alderman (U. of Minn.) describes Mantel as follows: "This brilliant red, early summer apple was originated at Dominion Experiment Station, Morden, Canada. Its dessert and culinary qualities are not excelled by any other variety of its season, which is nearly two weeks ahead of Duchess." Compare these features: extreme earliness, solid bright red color, unsurpassed quality!

**MINJON**—A Minnesota Jonathan that thrives and produces in Northern Minnesota! Its season is late fall, following Wealthy. It bears regularly, heavy loads of brilliant all-red apples. It colors up well and hangs tightly to tree until picked.

**MINNESOTA NO. 978**—A new solid red apple with good dessert and excellent cooking quality, that ripens immediately after Wealthy, yet keeps much longer. It bears every year and fruits cling to the tree exceptionally well. Ideal for both home and commercial growers.

New Minjon



**VALUABLE GIFTS  
FOR EARLY  
ORDERS  
see page 29**

**WE SHIP  
ALL  
APPLE TREES  
PREPAID**

## APPLE TREE PRICES ALL PREPAID!

### STANDARD VARIETIES:

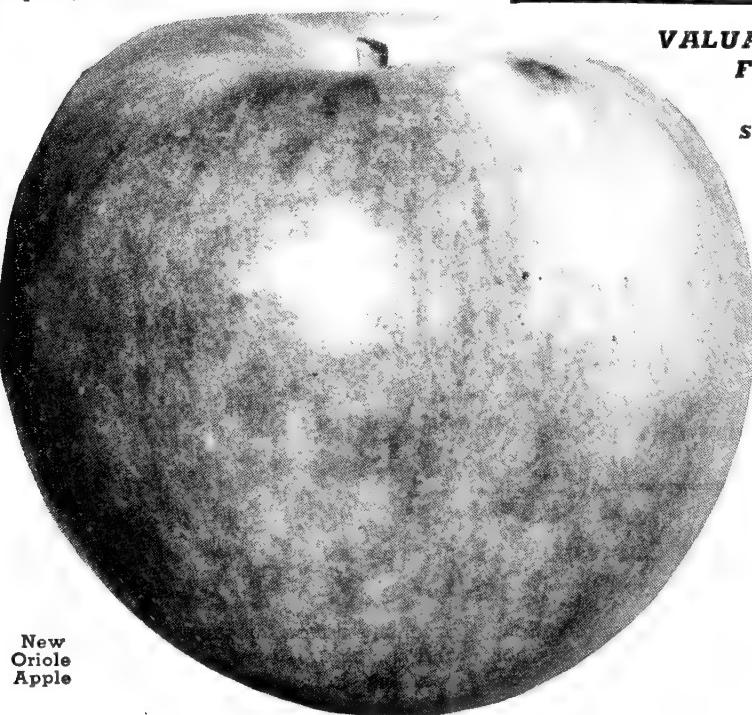
Anoka	N. W. Greening
Delicious	Red Van Buren
Haralson	Wealthy
Minn. 790	

Newest Apples: Minn. 978

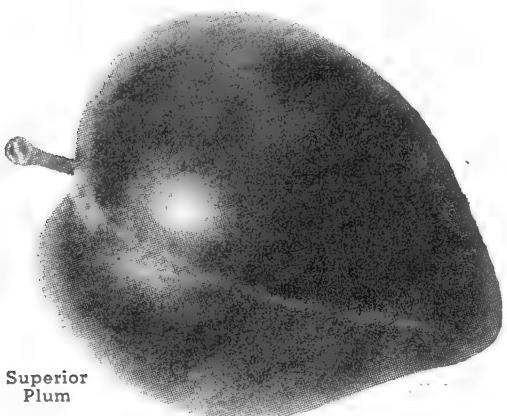
Beacon	Minn. 978
Fireside	Oriole
Mantel	Prairie Spy
Minjon	Redwell
	Victory

SIZES	1 to 4 EACH	5 to 9 EACH	10 or more EACH
3 to 4 ft.	\$0.80	\$0.70	\$0.55
4 to 5 ft.	1.00	.90	.75
5 to 6 ft.	1.25	1.15	1.00
3 to 4 ft.	1.00	.90	.75
4 to 5 ft.	1.25	1.15	1.00
5 to 6 ft.	1.45	1.35	1.20

New  
Oriole  
Apple



# ★★★ Hardy JUMBO PLUMS from the NORTH



Superior Plum

**MT. ROYAL BLUE PLUM**—Now you can grow these big European Type Blue Plums in your own back yard, instead of buying "shipped in" fruit from the grocery. Fruit is a beautiful blue—makes delightful dessert, jam or preserves. Tested in Minnesota and Canada for extreme hardiness. A big yielder and self-fertile (a single tree will bear fruit). (Color photo, page 37.) **Prices below.**

## Hardy CHERRIES that Thrive in SEVERE CLIMATES

### New Chinese Bush Cherries

True Cherries from the Orient, selected and improved at Minn. and Canadian Experiment Stations.

**NANKING CHERRY "ORIENT"**—U. of Minn. selections from Northern China's cherries! Graceful 7 ft. shrubs, radiant with bloom in spring, loaded with long ropes of bright red fruit of "true cherry flavor" by mid-July. Splendid for pies, sauce or preserves—delicious eaten fresh. Often bear second year. Insist on budded stock—seedlings are inferior. Plant two or more to insure pollination. (See page 37.) **Prices below.**

**KOREAN CHERRY**—Dwarf 3½ ft. plants are a mass of gorgeous blooms in spring, followed by loads of delicious full-sized bright red cherries—sweeter than commercial pie cherries. Makes appetizing pies, tasty sauce and preserves. Very hardy—often bear second year. Plant two or more to insure pollination. (See page 37.) **Prices below.**

#### DELICIOUS JAM RECIPE

Cover Plums or Cherries with water, add 1½ teaspoons soda, boil till skins break, drain through colander, remove pits. Add sugar pound for pound. To a moderate sized kettleful, add one tablespoonful of vinegar, boil until thick. Put in jars and seal.

### American Bush Cherries

Improved varieties of Sand Cherries from So. Dakota Ag. College and Canadian Experiment Stations.

**DAKOTA AMBER**—Big bunches of delicious golden amber fruits on ornamental bushes 4 to 5 ft. tall. Especially sweet to eat fresh, and make tasty sauce, jams, jellies of beautiful color. Plant Brooks Cherry as pollinator. (See inside front cover.) **Prices below.**

**BROOKS CHERRY**—A new bush cherry from Canada. Fruit is often one inch long, glossy purplish black, firm, juicy, tender, of fine quality. Makes appetizing pies, sauce, preserves. Plant with Dakota Amber to pollinate. **Prices below.**

**DAKOTA RUBY**—Bears clusters of ruby-red cherries with deep red flesh! Fruit makes delicious, sparkling red jelly, jam or sauce, and is tasty eaten fresh. The spreading, bushy plants grow 3 to 5 feet high, and are ornamental in the home landscape planting or the garden. (See page 37.) **Prices below.**

**HANSEN BUSH CHERRY**—These little 3 to 4 ft. bush cherries have proved the most effective pollinator for all hybrid cherries (at left). Hansen produces small deep red fruit very early. Makes fine jam. A midget sensation in bloom. Silver green foliage turns red and gold in fall. Gorgeous for hedges. Plant two to pollinate each other. **Prices below.**

### PRICES: PLUMS & CHERRIES

#### Fruit Trees Shipped Prepaid!

	1 to 4	5 to 9	10 or more
	EACH	EACH	EACH
<b>PLUMS:</b>			
Pipestone	\$1.45	\$1.40	\$1.35
Redcoat	1.60	1.53	1.45
Superior	1.90	1.80	1.70
S. Dakota 27			
Red Glow	1.40	1.35	1.30
Mt. Royal Blue Plum	1.40	1.35	1.30
Dietz Prune	1.65	1.58	1.50
<b>HYBRID CHERRIES:</b>			
Sapalta	1.45	1.40	1.35
Sapa	1.60	1.53	1.45
Compass	1.90	1.80	1.70
<b>BUSH CHERRIES:</b>			
Hansen	.50	.46	.42
Dakota Amber	.65	.60	.55
Dakota Ruby	1.55 (3 for \$4.35)		
Brooks	1.75 (3 for \$4.95)		
Nanking Orient	1.65 (3 for \$4.65)		
Korean	1.85 (3 for \$5.15)		
	1.65 (3 for \$4.65)		
	1.85 (3 for \$5.15)		
	1.85 (3 for \$5.15)		

### POLLINIZER PLUMS

**SOUTH DAKOTA 27**—(Sugar Plum). This large, attractive red and yellow plum has proved a good pollinator for other plums on this page. It has unusual ability to make other plums bear, and it also bears fruit of very high quality, for eating fresh or for canning. (Color photo, page 36.) **Prices below.**

**TOKA**—One of the richest flavored of all—very sweet with a spicy, tangy flavor. One and one-half inch fruits of beautiful apricot color with firm yellow flesh and free stone. Very hardy, ripens late August. An efficient pollinator for other plums. **Prices below.**

**KAGA**—An outstanding canning plum originated by Prof. Hansen. Has a distinct, delicious flavor, and is sometimes called the apricot plum. For canning or jam, it is unsurpassed. A fine pollinator for any plums on this page. **Prices below.**

#### New! A Prune for the North

**NEW DIETZ PRUNE**—A new fruit introduced from Southern Russia! Hardy almost anywhere in U. S. Heavy crops are borne all along the limbs. Fruits are about one inch long, are almost black with a beautiful heavy bluish "bloom." This novel new fruit is easy to grow and makes delicious sauce—it's especially sweet when eaten fresh. **Special: 4 to 5 ft. trees, \$1.85 each, 3 for \$5.25, prepaid. (Smaller sizes priced below.)**

### Best Cherry-Plums

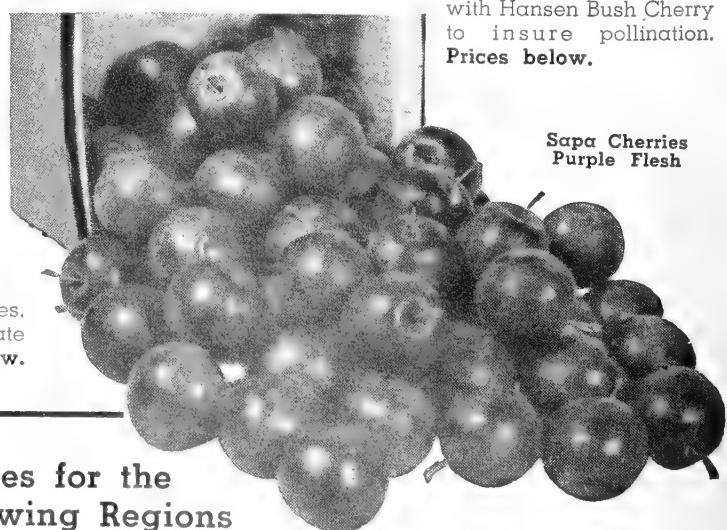
These delicious hybrid cherries become more popular every year. Extremely hardy—thrive in any soil (even sand)—bear big crops in two or three years. Ideal for canning, sauce, or pies. Sapa is delicious eaten fresh.

**NEW SAPALTA**—A big flavorful hybrid cherry from Canada. Fruit of Sapa type, but sweeter and less cling-stone. Delicious eaten fresh, fine for canning, pies, sauce, preserves. See inside front cover. Plant with Hansen bush cherry pollinator. **Prices below.**

**COMPASS CHERRY**—Hardy throughout the Northwest and Canada. Fruit is black, of medium size and good quality. Makes delicious pies, preserves, etc. Plant a Hansen Bush Cherry also to insure pollination. **Prices below.**

**SAPA CHERRY**—A big purple-red cherry with delicious wine red flesh. Thin skinned, small pit. Makes pies and sauce of most appetizing color and flavor. Often sets fruit second year. Yields best if grown as a large bush by pruning severely—cutting out older growth annually. Plant with Hansen Bush Cherry to insure pollination. **Prices below.**

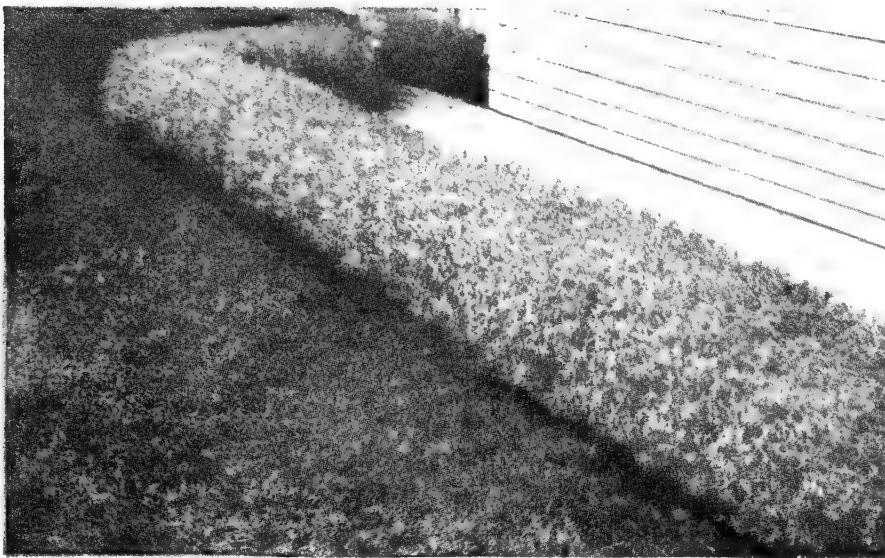
Sapa Cherries  
Purple Flesh



### True Cherries for the Cherry Growing Regions

**MONTMORENCY**—The outstanding Sour Cherry. Leads all other varieties for canning and market use. Fruits are large, have a deep, rich red color and

excellent flavor; unsurpassed for pies and canning. Ripens late June. Trees bear big crops regularly. **Price, 3 to 4 ft., each \$1.70. 4 to 5 ft., \$1.95, ppd.**



### NEW BLUE LEAF ARCTIC HEDGE

Grow the most distinctive hedge in your neighborhood, with beautiful, silvery blue-green, feathery foliage! An entirely different color in hedges. So hardy, it thrives in Canada, in dry or wet soils, in sun or part shade. Grows about 3 feet tall. Trim as desired for a neat low boundary hedge.

Prices All Prepaid    25 Plants 50 Plants 100 Plants  
12 to 18 inch size       \$6.35      \$12.35      \$23.35  
50 PLANTS MAKE A 50 FT. HEDGE



### CRIMSON KING MAPLE

A beautiful new form of Silver Maple, recently imported from Europe. Superior to the old "Red King" or "Wedderburn," in that it keeps its brilliant color all summer long. Patented. 4 to 5 ft. trees (not branched) \$3.95 each, 5 to 6 ft. trees (not branched) \$4.65 each. Not prepaid. By express only.



### ROSLIA TREE

A superb new variety of Rosalia, truly "white-flowered." Grows 10 ft. tall at 5 years old. Perfectly hardy. Thrives in shade or full sun. 5 to 6 ft. trees \$2.00 each, two for \$3.75  
4 to 5 ft. trees \$1.65 each, two for \$3.15  
Not prepaid.



### Cultivated BLUEBERRIES

Grow these luscious giant Blueberries in your own garden, or shrub border! Their waxy, dark green leaves turn scarlet in fall. Berries grow in clusters like grapes, ripening over several weeks during July. They often grow "big as a nickel," with sweet, mild flavor and few, if any, seeds. Grow 3 or more plants to insure pollination and sufficient fruit for family use. Set plants 5 feet apart each way and cultivate shallow, as roots grow near surface. Our 3 year old plants usually bear a year after planting—occasionally the same year. We offer three of the best varieties: STANLEY, upright bush, heavy yielder; RUBEL; midseason, upright bush JERSBY; late, upright a few days after Rubel, longer picking season.

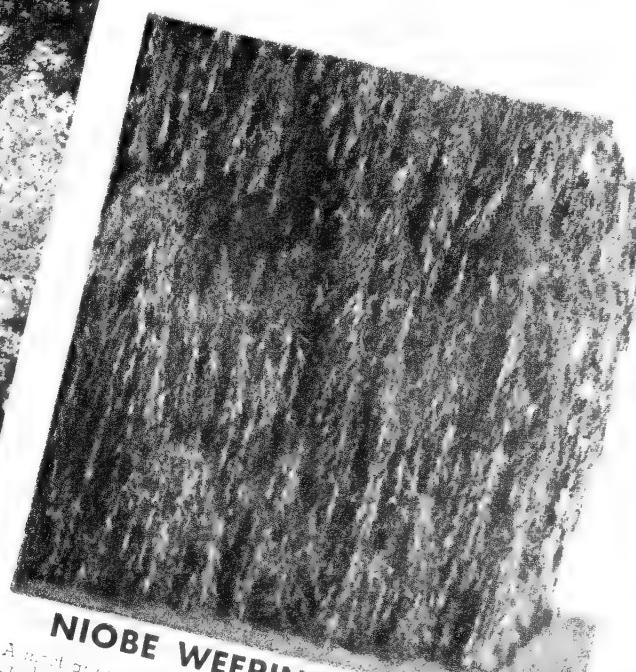
Complete instructions and package of Aluminum Sulphate soil conditioner sent with each order. 3 PLANTS (1 each of above) 12-18 inch 3 yr. bearing age, Prepaid for \$4.35.



### NEW ROSYBLOOM CRAB "ALMEY"

Here's rare new glory for your Springtime scene! Large, glistening, brilliant, scarlet flowers, hold their color throughout blossoming season - look like a mass of flame! Developed in Canada.

4 to 5 ft. trees \$2.25 each, 5 to 6 ft. trees \$2.65 not prepaid.



### NOIBE WEEPING WILLOW

A most graceful weeping willow, with long, pendulous, drooping branches. Very hardy. Grows 15 ft. tall and 10 ft. wide. 5-6 ft. trees \$1.35 each  
6-8 ft. trees \$2.25 each  
Express not prepaid.



\*\*\*  
BONUS  
GIFTS  
See Page 29



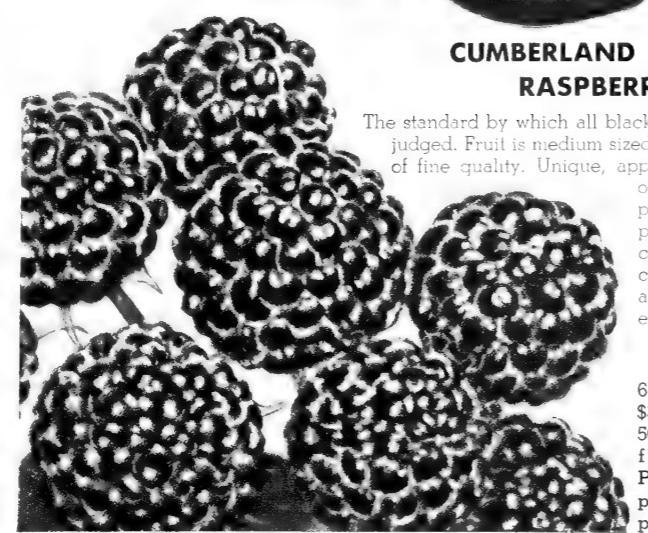
Sunrise Raspberry

**NEW U. S. SUNRISE RASPBERRY**

Bears 2 weeks before Latham! It's hardier, more disease free, longer picking season, and better quality! Big firm, non-crumbly berries are easier to pick, have tempting flavor and aroma. (Pa. 30.) 2 yr. heavy plants postpaid: 12 for \$2.25, 25 for \$4.10, 100 for \$13.95.



A



B

*All Season Assortment of*  
**3 NEW APPLES**

**(A) NEW BEACON (Summer Apple)**

The best early fall eating apple. Top quality, all red, ripens with Duchess, but keeps a month longer. 5 to 6 ft. trees \$1.45 each, prepaid.

**(B) NEW FIRESIDE (Winter Apple)**

A new extra long-keeper of exceptional dessert quality, better than Delicious. Hardy in Central Minn. 5 to 6 ft. trees \$1.45 each, prepaid.

**(C) NEW REDWELL (Fall Apple)**

A new U. of Minn. Wealthy type that's hardy at Duluth. For eating or baking. Annual cropper. 5 to 6 ft. trees \$1.45 each, prepaid.

**3 New All-Season APPLES** (1 of each, 5-6 ft.) **\$3.85 PPD.**

*Mrs. Snyder's Improved KITCHEN PLUM ORCHARD*

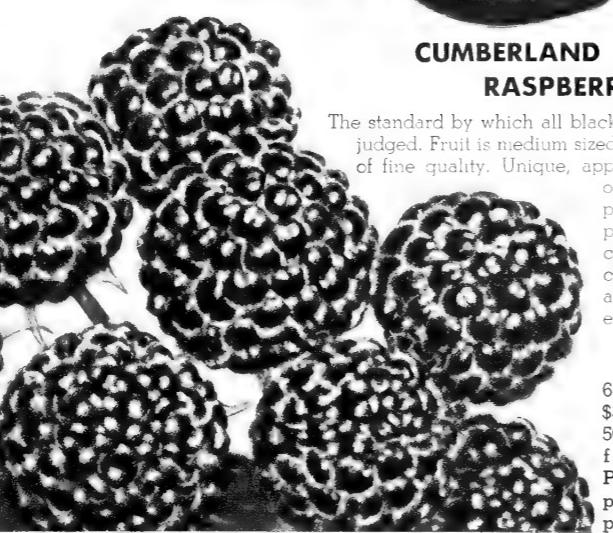
**NEW REDCOAT PLUM**

The delicious new FREE STONE plum from Minnesota's State Fruit Farm. Bears heavy loads of big, all red, prune shaped fruit. Choice dessert quality, with a perfectly free stone. 5 to 6 ft. trees \$1.90 each, 4 to 5 ft. trees \$1.60 each, all prepaid.

**SUGAR PLUM (South Dakota 27)**

A big, beautiful red and yellow plum that has proved a most effective pollinator of other plum varieties. It has unusual ability to make other plums bear heavily. Delicious fresh or canned. 4 to 5 ft. trees \$1.60 each, all prepaid.

Sugar Plum



C

**PLUM ORCHARD COLLECTION**

**3 New Plums**

1 NEW REDCOAT  
1 SUGAR PLUM  
1 NEW PIPESTONE  
All 4 to 5 Foot

for only **\$4.45**  
PREPAID



**NEW PIPESTONE PLUM**

Minnesota's newest "JUMBO" Plum! Largest of all and much better than most plums now grown. Extra early—ripens first week in August. A heavy cropper, perfectly hardy, exceptional eating quality. Splendid for canning. 5 to 6 ft. trees \$1.90 each, 4 to 5 ft. trees \$1.60 each, all prepaid.



**NEW SEEDLESS PEAR**

A delicious eating pear that's hardy even in Duluth! Fruit is practically seedless! Luscious, flavorful long type pears, not large, but of superb quality with very juicy, melting white flesh. 3 to 4 ft. trees \$1.30 each, 4 to 5 ft. trees \$1.60 each, prepaid.

**HARDY CHERRIES for the NORTHERN GARDEN**

**NANKING CHERRY**

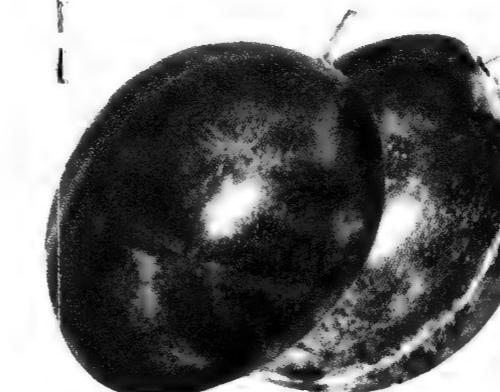
U. of Minn. selections from the hardy cherries of Northern China! Gorgeous bloom, loads of luscious fruit by mid-July! Grows 7 ft. high, often bears 2nd year! Delicious for eating fresh, for canning, jell or preserves. True cherry flavor. Insist on our Budded Stock, —seedlings are inferior. 2 to 3 ft. plants \$1.65 each, 3 for \$4.65, 3 to 4 ft. plants \$1.85 each, 3 for \$5.15, ppd. ↓



THESE PRICES POSTPAID TO YOUR DOOR

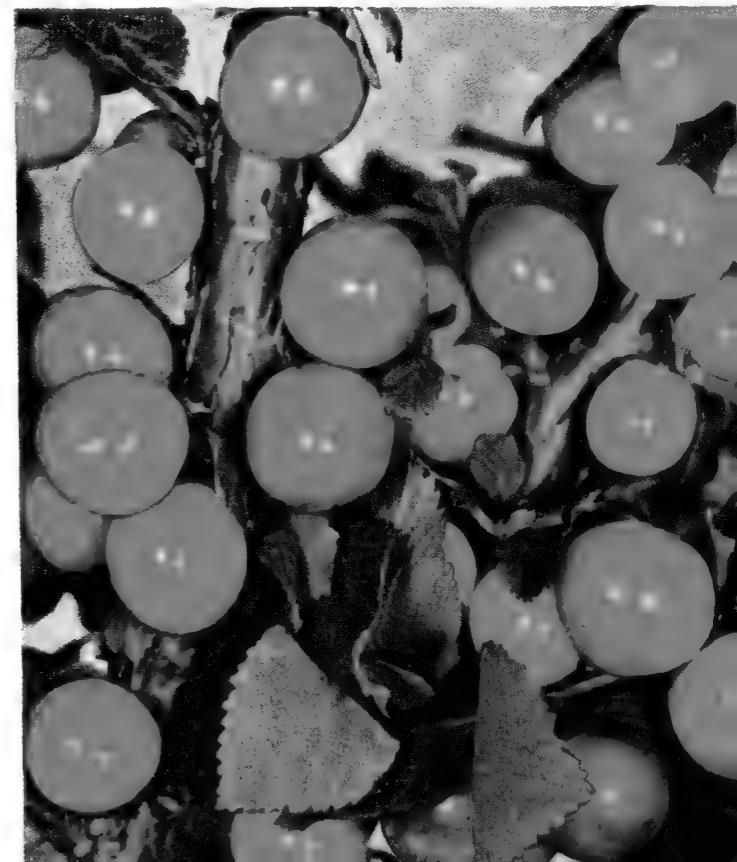
**NEW RUBY RED BUSH CHERRY**

A sparkling new, ruby-red bush cherry that's solid red all the way through! Retains its rich red color when cooked, making beautiful jell and preserves. The bushes grow 6 feet tall, of spreading habit and are very ornamental when covered with blossoms in spring, and again when loaded with brilliant jewel-like fruit in July and August. Extremely hardy and a heavy producer. Often bears second season. 2 to 3 ft. plants \$1.85 each, 3 for \$5.15 prepaid.



**MT. ROYAL BLUE PLUM**

Big European Type Blue Plums for your own yard! Hardy even in Canada. Self-fertile: a single tree bears big crops of beautiful blue freestone plums. A delightful dessert. Makes tasty jams or preserves. 2 to 3 ft. trees \$1.65 each, prepaid.



**NEW KOREAN CHERRY**

Folks who want real quality cherries on smaller plants, will be delighted with Korean. Bushes grow 3½ feet tall, bear heavy loads of delicious full sized, bright red cherries. Often bear the 2nd year! Completely hardy. Makes superb pies, sauce. Plant 2 or more to insure pollination. 2 to 3 ft. plants \$1.85 each, 3 for \$5.15, ppd.

FOR A NEW THRILL IN YOUR GARDEN TRY THESE

## 3 NEW IRRESISTIBLE COLORS

### GRATITUDE

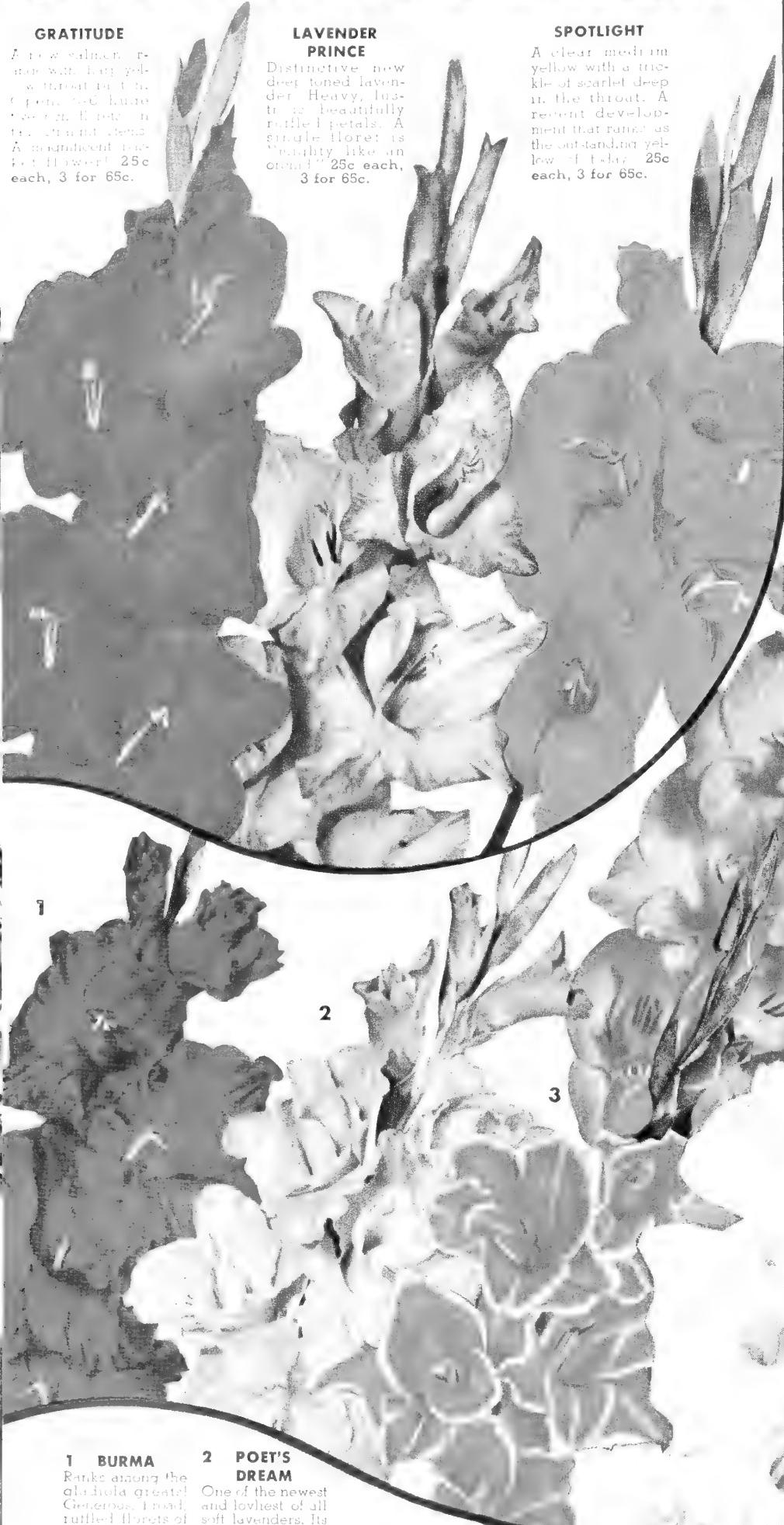
A new salmon color with large yellow throat. Large open, full flower. 3 stems. A magnificent flower! 25c each, 3 for 65c.

### LAVENDER PRINCE

Distinctive new deer-toned lavender. Heavy, lustrous, ruffled petals. A single floret is "weighty" like an orange! 25c each, 3 for 65c.

### SPOTLIGHT

A clear medium yellow with a triskle of scarlet deep in the throat. A recent development that ranks as the outstanding yellow! 25c each, 3 for 65c.



### 1 BURMA

Rank's among the gladiola greats! Generous, broad, ruffled florets of velvety rose-red on tall, sturdy stems. The first, radiant rose head enhances the beauty of coloring. 3 bulbs for 45c, 6 for 75c, 12 for \$1.35.

### 2 POET'S DREAM

One of the newest and loveliest of all soft lavenders. Its clear, light shade of lavender blends to a clean creamy-throat. Large, handsomely ruffled florets. 3 bulbs for 50c, 6 for 85c, 12 for \$1.50.

### 3 CHAMOUNY

A striking combination of brilliant cerese-rose with a silvery picotee edge. Grow something distinctly different! 3 bulbs for 35c, 6 for 60c, 12 for \$1.00.

### 4 LEADING LADY

One of 10 best glads! Creamy-white. Imagine these "carved ivory" florets neatly arranged on tall stems! 3 bulbs for 50c, 6 for 85c, 12 for \$1.50.

BE THE FIRST TO HAVE THESE

## New and Unusual GLADIOLUS

### That Will Make Your Garden Sparkle

We offer here some of the finest recent introductions, selected by experts. Make your garden the showplace of the neighborhood with these distinguished newcomers! We ship only choice Minnesota grown bulbs, produced under irrigation and state inspected to insure best results. Many of these brand new developments are still scarce—order early.

5

6

7

8

24

### BLUE RIBBON GLADS

3 each of the eight varieties described below \$2.95 For Postpaid

### 7 PURPLE SUPREME

A magnificent, rich purple with long flowerheads on tall stems. A sure show winner. 3 bulbs for 45c, 6 for 75c, 12 for \$1.35.

### 6 RED CHARM

King of the reds! Many bright, round, well-placed florets of glowing red, on tall, strong stems. 3 bulbs for 45c, 6 for 75c, 12 for \$1.35.

### 8 JEANIE

Pure pink with a golden throat! Clean cut florets of exquisitely clear coloring. Truly a great cut flower. 3 bulbs for 35c, 6 for 60c, 12 for \$1.00.

# \*\*\* Hardy Everblooming ROSES



Hansa fragrant Wine-Red Rugosa

**HANSA.** Large, double, fragrant flowers of a rich wine-red color. Handsome dark green foliage. Sturdy and free flowering. **2-yr. field-grown plants, each \$1.15, 3 for \$3.00 prepaid.**

## HARDY SHRUB ROSES

These shrub Roses are particularly valuable for their ability to thrive under the most adverse conditions of soil and climate, withstanding Minnesota winters without covering. The plants may be used any place—as a boundary hedge between properties, in shrub borders or mass planting.

**F. J. GROOTENDORST.** Produces full clusters of small, semi-double roses of a bright crimson. Resembles the Crimson Baby Rambler. Always in bloom. **2-yr. field-grown plants, each \$1.15, 3 for \$3.00 prepaid.**

**BETTY BLAND.** A lovely Manitoba rose, 5 ft. tall, sweet scented, double glowing rose-pink blooms in June. The red stems add to winter landscape colors. **2-yr. field-grown plants, each \$1.15, 3 for \$3.00 prepaid.**

**AMELIA GRAVEREAUX.** Flowers most double of the Rugosa Hybrids. Color is a deep pink shaded soft carmine. Grows 2-3 ft. tall. **2-yr. field-grown plants, each \$1.15, 3 for \$3.00 prepaid.**

**HARRISON'S YELLOW.** Most useful for foundation or border planting and perfectly hardy. A mass of bright yellow double roses, 2 inches across, in June. Grows 5 to 6 ft. tall. **2-yr. field-grown plants, each \$1.15, 3 for \$3.00 prepaid.**

## FAMOUS HYBRID TEA ROSES

### Require Winter Protection in the North

**PRESIDENT HOOVER.** A Glorious combination of cerise-toned orange, scarlet and yellow. Richly perfumed, long stemmed and free blooming. A most beautiful rose. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80, prepaid.**

**GOLDEN DAWN.** Long oval buds of sunflower yellow splashed with crimson, develop full, high centered flowers of soft moonlight-yellow, distinctly beautiful and long lasting. Very fragrant. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80, prepaid.**

**CHRISTOPHER STONE.** Brilliant sparkling scarlet-crimson without a trace of blue. Fragrant flowers, shapely long pointed buds. A healthy, vigorous grower and exceedingly free-bloomer. Stands lots of heat. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80, prepaid.**

**PINK RADIANCE.** No other rose has reached it in popularity. Superb large flowers of silvery pink shading to salmon, are borne in great profusion on tall, strong stems. Very fragrant. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80, prepaid.**

**FRAU KARL DRUSCHKE.** Hybrid Perpetual. The ideal hardy, white rose. Long, snow-white buds, shaded pink, open to immense, perfectly double flowers, often 4 inches across. A strong grower, remarkably free flowering. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80 prepaid.**



Poinsettia

**POINSETTIA.** This free-blooming rose brings you the brilliance, the glowing red color of the Christmas Poinsettia. Long pointed buds, ideally formed, fine for cutting. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80 prepaid.**

## CLIMBING AND FLOWERING VINES

To screen and shade porches, to cover trellises and arbors and to insure privacy. Small yards and gardens may be fenced and completely inclosed in a wall-of-green, by training hardy vines on the fence.

### ENGELMAN'S IVY

(*Ampelopsis Engelmanii*)

**To Cover Brick or Stone Walls and Fences**  
Climbs without support to brick, stone or plaster. Hardy and a rapid grower. Dense green foliage, turning to crimson in fall. **2-yr. heavy plants, 65c each, 3 for \$1.75 prepaid.**

### BITTERSWEET

(*Celastrus scandens*)

**A Twining Vine to Cover Pergolas and Tree Stumps**

A native climber grown for its brilliant orange berries so popular for winter bouquets. Plant 2 or more in a group to insure bearing fruit. **2-yr. heavy plants, 75c each, 3 for \$2.00 prepaid.**

### PURPLE CLEMATIS

(*Clematis Jackmanii*)

**To Grow on Trellis or Lattice**

Widely known for its large, velvety, violet-purple flowers. Succeeds best when planted in rich soil and partial shade. **Heavy pot plants, \$1.25 each, 3 for \$3.55 prepaid.**

### HONEYSUCKLES

Scarlet Trumpet Honeysuckle  
For Arbors, Pergolas and Trellises

A vigorous twining vine with showy, trumpet-shaped flowers of bright scarlet. **2-yr. heavy plants, 75c each, 3 for \$2.00 prepaid.**

**NEW GOLDFLAME HONEYSUCKLE**  
Can Be Grown as a Vine or Sheared to Form a Shrub

Bears immense clusters of fragrant, trumpet-shaped flowers—outside petals brilliant flame-pink, inside creamy golden yellow. Foliage, dark and glassy. **2-yr. heavy plants, \$1.10 each, 3 for \$3.10 prepaid.**



### 3 NEW Sub-Zero Roses

"CEDRIC ADAMS" "DICK WILCOX"  
"QUEEN O' the LAKES"

3 scarce new varieties of this remarkable race of hybrid tea roses! All are red, differing slightly in shade of red. Sorry, no choice of variety among these three. But indicate your 1st and 2nd choice, and if supply permits, we will mail your preference. **Each \$2.00 postpaid.**

See also COLOR PHOTOS on Page 71

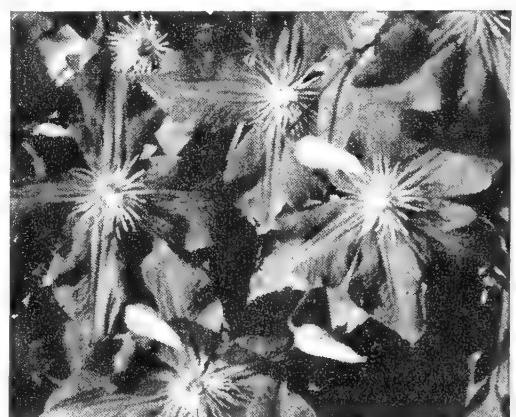
## CLIMBING ROSES

**PAUL'S SCARLET CLIMBER.** Most brilliant of all roses. Color, a vivid scarlet; flowers semi-double, produced in clusters on much-branched canes. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80 prepaid.**

**EXCELSA.** The Improved "Crimson Rambler." Immense clusters of double crimson blooms. A beautiful, vigorous and dependable climber. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80 ppd.**

**CLIMBING AMERICAN BEAUTY.** Delightfully fragrant, fully double, 3 to 4-inch blooms of vivid rosy-crimson produced on individual stems—fine for cutting. Plants are strong growers. **2-yr. field-grown plants, each \$1.00, 3 for \$2.80 prepaid.**

**GOLDEN GLOW.** (Potentated) Sub-Zero everblooming climber. A rare combination of the ever-blooming quality of the hybrid tea rose and sub-zero hardiness. Double, fragrant golden yellow blossoms. **2-yr. field-grown plants, each \$1.75, 3 for \$5.00 prepaid.**



Purple Clematis



New Goldflame Honeysuckle

# ★★★ Hardy Flowering SHRUBS

## THE FAVORITE SPIREAS



Bridal Wreath

**BRIDAL WREATH (Van Houttei). M.** The old-fashioned favorite throughout the country. Grows 5 to 6 feet tall. Graceful, arching branches, completely covered with snow-white flowers in May and June. 18-24 in. plants, 55c each; 2-3 ft. plants, 65c each, prepaid.

**SPIREA SNOW GARLAND (Arguta).** M. The earliest blooming Spirea. Branches are so thickly covered with white blooms, that they look like "garlands of snow." Effective in border and foundation planting. 12-18 in. plants, 65c each; 18-24 in. plants, 85c each, prepaid.

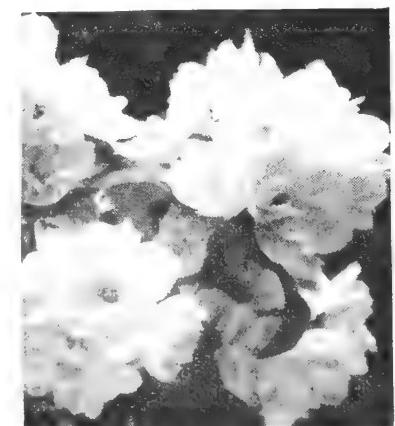


Crimson Spirea

## THE FINEST MOCKORANGES

**NEW MINNESOTA SNOWFLAKE. L.** The novel patented EXTRA DOUBLE Mockorange that blooms so profusely in June, with glistening, snow-white flowers, fully double and delightfully sweet scented. Exceptionally hardy. 18-24 in. plants, \$1.35 each; 2-3 ft. plants, \$1.60 each, prepaid.

**SEMI-DOUBLE MOCKORANGE (Virginia). L.** Notable for its orange-blossom fragrance and magnificent spring display. The creamy white flowers are often 2 inches across, semi-double, and borne in such profusion that the branches are often weighted down. An erect and vigorous grower. 18-24 in. plants, \$1.15 each; 2-3 ft. plants, \$1.45 each, prepaid.



Semi-Double Mockorange



New Minnesota Snowflake

**CORONARIUS MOCKORANGE. L.** The old-fashioned Mockorange that is the sweetest of all. Large white single blooms used in bridal bouquets. Beautiful as a border or specimen planting. Also makes a tall upright, tight hedge. Beautiful in bloom and novel in leaf, and after leaves fall with many seed-pods that remain on the plant throughout the winter. Grows 6 to 8 feet. Perfectly hardy. 18-24 in. plants 75c each; 2-3 ft. plants \$1.00 each, prepaid.

On Shrub Orders Amounting to Less than \$1.50, Add 15c for Packing

## ATTRACTIVE DWARF SHRUBS

**ALPINE CURRENT. D.** One of the finest for severe climates. Thrives in somewhat dry soils and where watering is difficult. Very dense growing with fine dark green leaves. Tiny, fragrant, yellow flowers open in May. Grows 3 to 4 feet tall. 12-15 in. plants, 85c each; 15-18 in. plants, \$1.15 each, prepaid.

**DWARF NINEBARK. D.** Grows only 3½ ft. tall. The small delicate leaves are most attractive and delightfully colored in autumn. Dainty white blooms in spring are followed by decorative red pods. 18-24 in. plants, 75c each; 2-3 ft. plants, \$1.00 each, prepaid.

**GOLD DROP (Potentilla fruticosa)** Charming dwarf, very compact shrub forming a mound about 2½ ft. high. Densely covered with small fernlike leaves and studded with intensely brilliant golden yellow buttercup-like flowers all summer. 12-15 in. plants, 85c each; 15-18 in. plants \$1.15 each, ppd.

**COTONEASTER. M.** A neat, clean shrub with small rounded leaves, dark green and glossy. Inconspicuous pink flowers followed by black fruit. Stands shearing and will grow in shade. 12-18 in. plants, 70c each; 18-24 in. plants, \$1.00 each, prepaid.

<b>Plant Dwarf Shrubs</b> (Marked D) 2 feet apart.
<b>Medium Size Shrubs</b> (Marked M) 3 feet apart.
<b>Large Size Shrubs</b> (Marked L) 4 feet apart.



Snowberry White

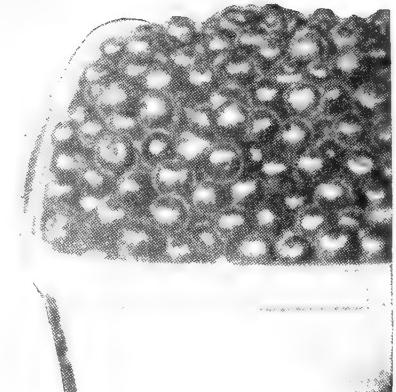
**SNOWBERRY WHITE. D.** Thrives anywhere, especially in shade. Rose-pink flowers in June and July, followed by remarkable, big, pearly-white berries which remain well into winter. Grows 2-3 ft. high. 18-24 in. plants, 55c each; 2-3 ft. plants, 75c each, prepaid.

**SNOWBERRY RED. D.** A hardy, dwarf compact shrub sometimes known as "Coral Berry." Ornamental, bright red berries hang on well into winter. 18-24 in. plants, 65c each; 2-3 ft. plants, 90c each, prepaid.

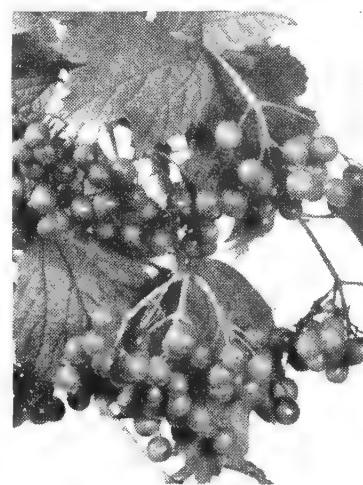
## DOUBLE DUTY SHRUBS

Beauty for Your  
**YARD**  
Fruit for Your  
**KITCHEN**

**JUNEBERRY (M).** Fruit resembles Blueberry. Looks like it, tastes like it, makes luscious pies and sauce like it. BUT—you can grow Juneberry quickly and easily. No special care or soil conditioning. Superhardy, fast-growing, thrives in any soil! Its beautiful white blossoms, its red berries which turn blue when ripe, make this plant highly ornamental as well as useful. Order at least 2 plants to insure setting of fruit. 12-18 in. plants 75c, 18-24 in. plants 90c each, prepaid.



Juneberry



Highbush Cranberry

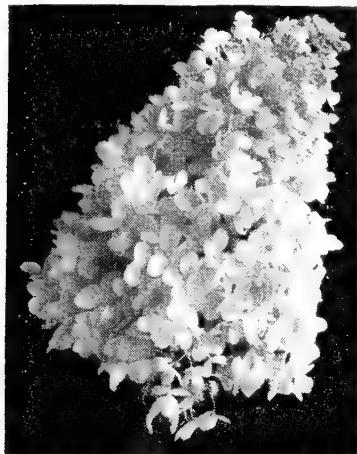
**HIGHBUSH CRANBERRY (L).** Attractive, tall, flowering shrubs with white blooms followed by huge clusters of bright red berries which hang on way into winter. A beautiful lawn ornament! Berries make delicious jelly that looks and tastes like that of grocery cranberries. 12-18 in. plants 85c, 18-24 in. plants \$1.00 each, prepaid.

**AMERICAN DATE BERRY (L).** School boys' favorite! Novel blue-black berries resemble miniature dates. Relished by youngsters and oldtimers alike—(who recall them as "black haws"). Small ornamental trees, ideal for lawn, bear clusters of white flowers in spring, followed by tasty, decorative date berries, lasting into winter. 18-24 in. plants 90c, 2-3 ft. plants \$1.20 each, prepaid.

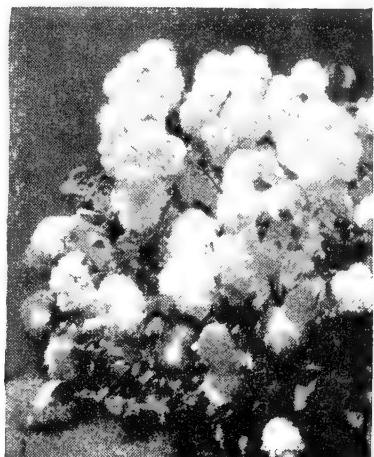
# ★★★ SHRUBS to Beautify YOUR HOME

## POPULAR HYDRANGEAS

**HYDRANGEA P. G. (M.)**. Bears immense white conical bloom heads, 12 to 18 inches long, in August and September. When fully developed, flowers turn to pink and bronze and are often cut for winter house decoration. 12-18 in. plants 80c each, 18-24 in. plants \$1.10 each prepaid.



Hydrangea P. G.



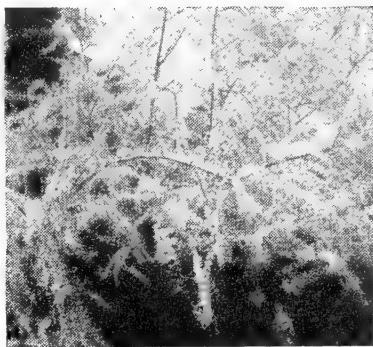
Hydrangea Hills of Snow

**HYDRANGEA HILLS OF SNOW.** M. Bears large clusters of white snowball-like flowers all season. Bushes of spreading growth, 3½ ft. high, with large, dark green leaves. Widely used in shady areas, in house and foundation plantings, where it is pleasing throughout the summer. 12-18 in. plants 80c each, 18-24 in. plants \$1.10 each prepaid.

## GORGEOUS TALL SHRUBS

**TAMARIX (Lace Tree).** L. Striking and unusual with feathery foliage and open clusters of small pink flowers at end of branches in June and July. 18-24 in. plants 75c each, 2-3 ft. plants 90c each prepaid.

**FORSYTHIA (Golden Bell).** L. A graceful ornamental shrub with hundreds of brilliant golden yellow bell-shaped flowers in early spring. Grows 5 to 6 feet tall and will stand semi-shade. 2-3 ft. plants 75c, 3-4 ft. plants \$1.00 each prepaid.



Tamarix



Rose Tree of China

**ROSE TREE OF CHINA (Prunus Triloba).** L. Dazzling, double pink rose-like flowers completely cover the long graceful branches. Blooms in early May. Use as a lawn specimen or in the shrub border. Blooms most profusely in full sun. Grows 6-7 feet tall. 18-24 in. plants \$1.45 each, 2-3 ft. plants \$1.90 each, prepaid.

## SHRUBS OF BRILLIANT FOLIAGE



Golden Elder

**RED FLASH CISTENA.** M. Most brilliant of all red-leaved shrubs. Has delicate pink blooms in spring, followed by intense rich red leaves. 18-24 in. plants \$1.30 each, 2-3 ft. plants \$1.80 each prepaid.

**GOLDEN ELDER.** L. A handsome, wide-spreading shrub with bright yellow leaves all season. The color is more intense when planted in a sunny spot. 18-24 in. plants 75c each. 2-3 ft. plants 95c each prepaid.

**RED-LEAVED BARBERRY.** D. Rich bronze red leaves that hold their color all summer. A bright contrast to other shrubs. Plant in full sun for best leaf color. 12-15 in. plants 75c each, 15-18 in. plants 95c each prepaid.

**VARIEGATED DOGWOOD.** L. The green leaves are striped and margined with white. Red colored bark. An unusual plant making a bright spot of color in the shrub border. 18-24 in. plants \$1.65 each, 2-3 ft. plants \$1.95 each prepaid.

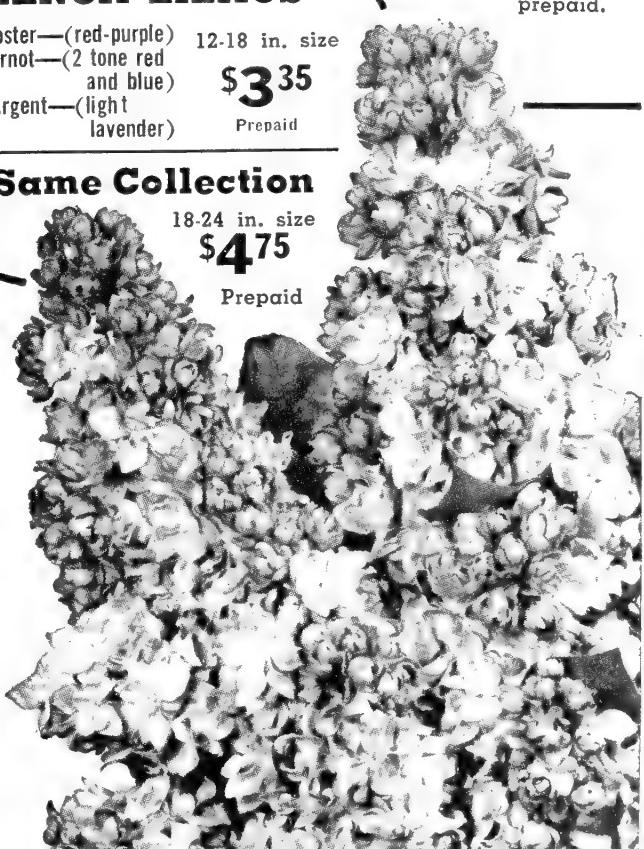
**NOTE: Write for Prices on Specimen Evergreens for foundation and Border Planting.**

### 3 FRENCH LILACS

1 Hugo Koster—(red-purple)	12-18 in. size	\$3 35
1 Pres. Carnot—(2 tone red and blue)		
1 Chas. Sargent—(light lavender)		

### Same Collection

18-24 in. size	\$4 75
Prepaid	



## ★★★ French Hybrid LILACS

French Lilacs bear larger flowers and bigger, heavier trusses of bloom than those of the common Lilac. Gorgeous in coloring, very free-flowering, delightful fragrance. Our stocks are on their own roots.

**CHARLES JOLY.** Double, deep wine-red. The large trusses are held erect, well above the foliage.

### CHINESE LILAC

True Rothomagensis—  
Deep Red-pink

Truly beautiful planted by themselves or in foundation plantings. Makes the finest of all flowering screen hedges for the north. Presents a breath-taking sight in full bloom, in May. Eventual height, 10 ft. Bushes all grow even in height, graceful and well rounded with all blossoms on the outside. 18-24 in. plants \$1.00 each, 2-3 ft. plants \$1.35 each. All prepaid.

**MADAME LEMOINE.** Double. Pure white, without a tinge of cream. Panicles large, long, erect.

**PRESIDENT GREVY.** Double. Clear delicate light blue. Immense panicles, very symmetrical.

**PRESIDENT CARNOT.** Double. A combination of deep reddish-blue, blue-violet and pink. Very profuse bloomer.

**HUGO KOSTER.** One of the best singles. Large bluish-violet to light reddish-purple flowers in huge clusters. Distinctive.

**CHAS. SARGENT.** Very double. Full florets of delicate lavender with long pointed petals. Shapely, vigorous plants grow to medium height.

**GENERAL SHERIDAN**—A very good lilac with intense blue single flowers. Plants are strong growers and very free flowering—new and different.

**PRICES**—12-18 inch plants, \$1.15 Each, ppd.  
18-24 inch plants, \$1.65 Each, ppd.

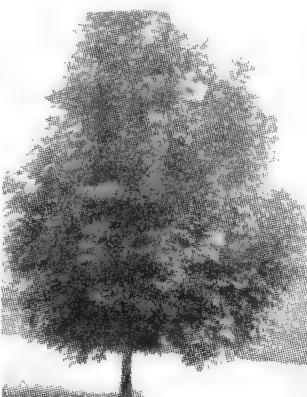
# ★★★ Shade & Ornamental TREES

## MAPLES (HANDSOME LAWN AND SHADE TREES)



Norway Maple

**NORWAY**—Popular for its attractive dome shaped head. Grows to large size, with deep green foliage which turns yellow in autumn.



Hard or Sugar Maple

**RED SCHWEDLER MAPLE**—Striking purplish-crimson leaves, turning bronze-green in midsummer. Shaped like Norway Maple—a thing of beauty in the yard!

**NEW CRIMSON KING MAPLE**—A beautiful new form of Schwedler Maple originated in Europe. Superior to the popular Red Schwedler, in that it keeps its brilliant crimson color all summer long. Patented.

**SOFT MAPLE**—A rapid grower for quick effect. Leaves appear in early spring, are bright green in color with lower side silvery.

### ABOUT EVERGREENS:

If you are interested in specimen Evergreens for lawn or foundation planting, write for our special Evergreen Price List.

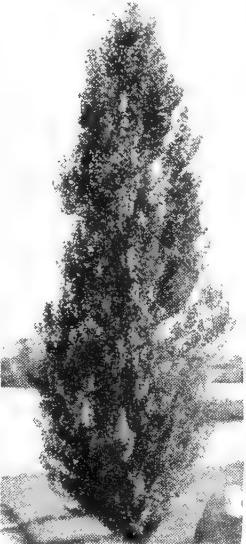


Red Schwedler Maple

## POPLARS

### For Background, Accent or Screening

**LOMBARDY POPLAR**—Forms a tall, slim, symmetrical column, tapering to a pointed top. Ideal for landscape effect and screen planting—a rapid grower. Prized by landscape architects for offsetting straight or bare lines and to add character to plantings.

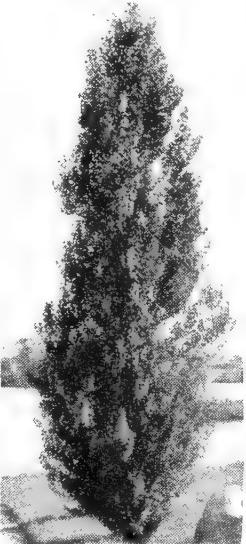


Lombardy Poplar

## MOUNTAIN ASH

### Far Lawn Specimen

**MOUNTAIN ASH, EUROPEAN**—Very showy lawn tree with its white flowers followed by large clusters of bright orange berries, in autumn. Beautiful dark green foliage.



## LINDEN

### A Fine Shade Tree for the Lawn

**AMERICAN LINDEN (BASSWOOD)**—A stately tree with broad heart-shaped leaves; fragrant white flowers in spring. A rapid grower and perfectly hardy.



American Linden (Basswood)

## FLOWERING CRABS

**HOPA**—Blood-red buds followed by deep rose-pink flowers in spring. Fruits are red inside and out and make excellent jelly. Strong, healthy, upright tree.

**NEW ROSYBLOOM "ALMEEY"**—Like a mass of flame in full bloom! Big, glistening, scarlet flowers hold their color throughout blooming season. The brightest red of any flowering crab blooms. Developed in Canada.

## FLOWERING CRAB

PRICES  
NOT PREPAID

Hopa, and Red Silver	\$1.35 Each	3-4 Feet	4-5 Feet	5-6 Feet
New Rosybloom "Almey"	1.75 Each		2.25 Each	2.65 Each



Flowering Crab

**RED SILVER**—Red from top to bottom in leaf, blossom and fruit! Delicate silver under leaves. Darkest blooms of any crab. It's striking!

Shade Trees Shipped Express NOT PREPAID

## ELMS

Splendid for Shade on Lawn or Boulevard



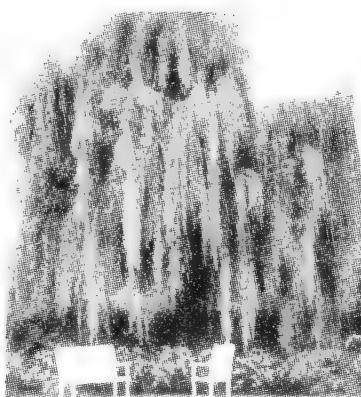
American Elm

**AMERICAN ELM**—Graceful, rapid in growth, with wide-spreading, pendant branches forming giant arches over streets and lawns. Tough-grained and very hardy, it is unquestionably the most popular of all shade trees.

**MINNEAPOLIS PARK ELM**—A selected grafted variety of American Elm. The Minneapolis Park System uses this type in all boulevard and park plantings. They make a uniform growth and are hardy for this section.

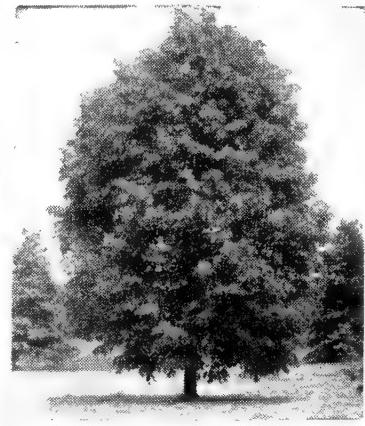
## WILLOW

### Ornamental Lawn Tree for Background Use



Niobe Weeping Willow

**NIOBE WEEPING WILLOW**—Graceful drooping form—lovely golden bark, and silver lined foliage. Very hardy.



Chinese Elm

**CHINESE ELM, SIBERIAN STRAIN**—The fastest growing shade, ornamental or windbreak tree. Very hardy—resistant to drought and extreme temperatures. Attains a height of 60 ft., and girth of 8 ft. or more.

## PRICES ON LAWN TREES

Lawn Trees Shipped Express or Freight. NOT PREPAID

	5-6 ft. Each	6-8 ft. Each	8-10 ft. Each
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**BIRCH:**

Cut Leaf Weeping Birch.....	\$4.50	\$5.50
White Birch.....	2.00	2.25

**ELMS:**

American Elm.....	1.35	1.95	\$2.95
Minneapolis Park Elm.....		3.00	4.50
Chinese Elm.....	1.75	2.35	

**LINDEN (Basswood)**.....

2.75	4.50
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**MAPLES:**

Hard Maple.....	3.35	4.80	
Soft Maple.....	1.65	2.35	3.15
Norway (Not Branched).....	1.25	1.60	
Schwedler (Not Branched).....	2.75	3.35	
Crimson King (Not Branched).....	4.65		

**MOUNTAIN ASH**.....

3.75		
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**POPLARS:**

Bolleana Poplar.....	1.95	2.55	3.75
Lombardy Poplar.....	.90	1.25	1.65

**NIODE WEEPING WILLOW**....

1.35	2.25	2.85
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# ★ ★ ★ Save Money on WINDBREAK TREES

## Evergreen Windbreak Bargains!

Evergreen transplants may be set out directly into the windbreak row and cultivated like rows of corn. Seedling evergreens should be set in the garden and given special care for two years before resetting into permanent windbreak. Set 6 to 8 feet apart in the row, and 12 to 15 feet apart between rows.

Kind and Size (Not Prepaid)	10	25	50	100
<b>CANADIAN WHITE SPRUCE</b>				
12 to 15 in. Transplants. Not Prepaid	\$ 8.15	\$16.75	\$31.50	\$60.00
15 to 18 in. Transplants. Not Prepaid	9.35	19.75	37.50	72.00
18 to 24 in. Transplants. Not Prepaid	10.35	22.25	42.50	82.00

## BLACK HILLS SPRUCE

12 to 15 in. Transplants. Not Prepaid	8.65	18.00	34.00	65.00
15 to 18 in. Transplants. Not Prepaid	9.95	21.25	40.50	78.00
18 to 24 in. Transplants. Not Prepaid	11.15	24.25	46.50	90.00

## AMERICAN ARBORVITAE

15 to 18 in. Transplants. Not Prepaid	8.15	16.75	31.50	60.00
18 to 24 in. Transplants. Not Prepaid	10.50	20.00	38.95	75.00
24 to 30 in. Transplants. Not Prepaid	13.50	25.00	48.95	95.00



Canadian White Spruce makes a super hardy windbreak that's dense branching, fast growing, yet long lived! Almost as quick growing as Norway Spruce, but much more permanent.

## Fast-Growing Windbreak Trees

We offer only hardy varieties recommended for safe planting in the Northwest: Plant two to five rows for most effective protection. Plant six feet apart in rows eight feet apart. Cultivate first two years.

### PRICES ALL PREPAID

KIND	SIZE	25	50	100	200
<b>GREEN ASH</b>	18-24"	\$1.45	\$2.75	\$ 4.75	\$ 8.95
	2-3'	1.95	3.75	6.85	12.95
	3-4'	2.75	5.35	9.95	18.95
<b>AMERICAN ELM</b>	18-24"	1.25	2.25	3.85	6.95
	2-3'	1.55	2.95	5.15	9.75
	3-4'	2.25	4.35	7.95	14.95
<b>CHINESE ELM</b>	9-12"	.85	1.65	2.65	4.95
	12-18"	1.20	2.25	3.85	7.25
	18-24"	1.65	3.15	5.65	10.85
<b>SOFT MAPLE</b>	2-3'	2.25	4.25	7.85	14.95
	3-4'	3.45	6.65	12.45	23.85
<b>BOX ELDER</b>	18-24"	1.85	3.55	6.35	12.15
	2-3'	2.35	4.45	7.95	14.95
<b>NORWAY POPLAR</b>	2-3'	3.00	5.85	10.95	19.85
	3-4'	4.25	8.25	15.65	29.85
	4-5'	5.15	9.45	17.95	34.95
<b>RUSSIAN OLIVE</b>	6-12"	1.45	2.75	4.85	8.95
	12-18"	1.85	3.55	6.35	12.15
<b>BLACK WALNUT</b>	12-18"	2.15	4.00	7.45	14.35
<b>RUSSIAN GOLDEN WILLOW</b>	18-24"	1.65	3.25	5.65	10.65
	2-3'	2.25	4.35	7.85	14.95
	3-4'	3.15	5.95	10.95	20.95
<b>LAUREL LEAF WILLOW (see below)</b>	2-3'	2.35	4.55	8.35	16.25
	3-4'	2.95	5.65	10.45	20.35
	4-5'	3.55	6.85	12.65	24.35

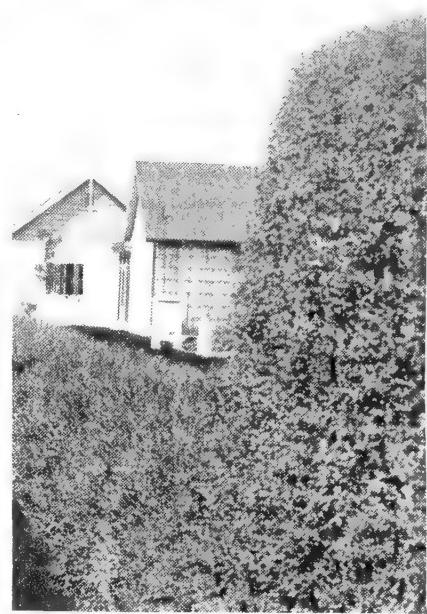


## ★ ★ ★ HARDY HEDGES

### The Friendly Way to Fence

#### NEW BLUE LEAF ARCTIC

An entirely new and different color in hedges, with fine feathery foliage of a silvery blue-green color. Blue Leaf Arctic is so hardy, that it thrives even in Canada, does well in dry or wet soil, in full sun or partial shade. Left untrimmed, it makes a most attractive, compact, dwarf hedge about 3 feet tall. Can be trimmed as desired for a neat low boundary hedge. (See color photo, page 35.)



#### NEW RED HONEYSUCKLE

(Lonicera Zabelii)

A new true red-flowering shrub with slender, graceful branches. Blooms profusely in spring, followed by decorative red berries. Very hardy, thrives in sun or partial shade, it grows about 8 feet tall and is especially useful along lot boundaries to give privacy or to screen out unattractive views. Set plants 2 1/2 to 3 feet apart.

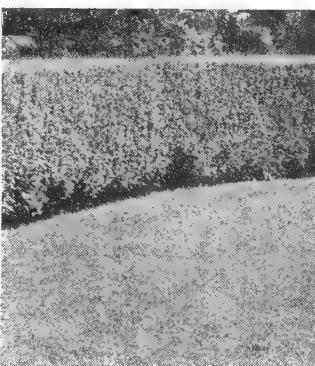
#### JAPANESE BARBERRY

Makes a neat, low boundary. Can be trimmed or grown naturally. Foliage turns to brilliant crimson in fall; branches are covered with scarlet berries.

#### 50 Plants Make a 50 ft. Hedge

Set plants 1 foot apart for thick Hedge

NOTE: Write for Prices on Specimen Evergreens for Foundation and border Planting.



Amur River Privet

#### AMUR RIVER PRIVET

This fast growing hedge plant is planted very extensively throughout the U. S. It's a thick, compact grower, with dense, shiny leaves. Trim to any desired height from 3 to 8 ft., as a hedge or tall screen, or sheer frequently for formal effect. Not dependably hardy north of Minnesota's southern border.

#### PRICES ON HEDGE PLANTS

(Hedge Plant Prices All Prepaid)

25 50 100

##### BLUE LEAF ARCTIC

12 to 18 inch ..... \$6.35 \$12.35 \$23.35

##### CHINESE HEDGEWOOD

18 to 24 inch ..... \$3.35 \$ 6.35 \$11.35

2 to 3 ft. ..... 3.65 6.85 12.85

##### RED HONEYSUCKLE

12 to 18 inch ..... \$5.65 \$10.45 \$19.35

18 to 24 inch ..... 6.95 13.15 24.85

##### JAPANESE BARBERRY

12 to 18 inch seedlings ..... \$4.45 \$ 8.45 \$15.65

18 to 24 inch seedlings ..... 6.35 11.95 22.85

##### DWARF NINEBARK

12 to 18 inch ..... \$6.45 \$12.45 \$23.65

##### AMUR RIVER PRIVET

12 to 18 inch ..... \$3.55 \$ 6.75 \$12.35

18 to 24 inch ..... 4.15 7.95 14.85

##### AMERICAN ARBORVITAE EVERGREEN HEDGE

See prices above under Evergreen Windbreak Bargains.

#### ◀ ABOUT THE LAUREL LEAF WILLOW

\*The Laurel Leaf Willow shown at left is unsurpassed in the shelterbelt—especially in the "snow-catch" rows. Hardy, quick-growing, low-branched, with heavy foliage. It thrives in moist soil, but also does well in any ordinary soil and grows 10 to 18 feet high, depending on soil. It is most striking in appearance with greenish bark and brilliant, shiny dark green leaves which glisten in the sunlight as if wet with rain. Compels attention from miles around.

# America's Best Modern GLADS

## Eight ARISTOCRATS

**ARETHUSA**—Nearest to a tan or "pongee" shade, with large wide-open florets, intensely frilled. 3 for 35c, 6 for 65c, 12 for \$1.10.

**GOLD DUST**—(Goldstaub.) A fine deep rich yellow. Very early, it is the first variety to bloom. Florets are well placed on a graceful spike. 3 for 35c, 6 for 65c, 12 for \$1.10.

**MARGARET FULTON**—Opens 6 to 8 large, rich deep salmon-pink florets on tall spikes. Blooms early and perfectly every year. One of the best for cutting. 3 for 35c, 6 for 65c, 12 for \$1.10.

**OREGON GOLD**—Massive creamy yellow blending to deep yellow in throat. From 9 to 12 huge ruffled florets open at once on tall, graceful spikes, often 5 ft. in height. 3 for 35c, 6 for 65c, 12 for \$1.10.

**ROSA VAN LIMA**—Cool, light pink with delicately marked white throat. Large florets on tall straight stems. Always uniform and dependable. 3 for 35c, 6 for 65c, 12 for \$1.10.

**STOPLIGHT**—A brilliant red, with a rich silken luster. Tall, handsome spikes with wide-open, ruffled blooms. One of the best new Reds, because of its heat resistance and consistently fine performance. 3 for 35c, 6 for 65c, 12 for \$1.10.

**SURFSIDE**—Beautifully ruffled blooms of pure satiny white, with a faint violet line in throat. Has the suede texture of Picardy. 3 for 35c, 6 for 65c, 12 for \$1.10.

**VARIATION**—A first-class glad in every way. It presents a ribbon of cool, light pink that opens unusually well in water. Very plain, tall. Excellent for cutting. 3 for 35c, 6 for 65c, 12 for \$1.10.

**24 ARISTOCRATS \$1.95**  
(3 each of above 8 glads) **ppd.**

## DELUXE TRIO

For The Glad Fan

**GLEAM**—Huge five-inch blooms are a lustrous, crystalline, waxy, ruffled, gleaming light yellow on straight medium height stems. Decidedly heat and drought resistant.

**HIGH FINANCE**—A giant tan smoky of great beauty. Grows tall; blooms late. Beautiful in bouquets with many closely set florets open at one time.

**BLOEMFONTEIN**—Opens 7 to 8 giant buffy-pink florets on very tall spikes. Color deepens in throat. A Holland introduction that performed very good for us.

**Any of the above, 3 for 40c, 6 for 75c, 12 for \$1.25.**

## USE 5% D.D.T. To CONTROL TH RIP

See Killer Dust, Page 68.

**Just Before Planting**—Dust bulbs lightly with Killer Dust.

**During Growing Season**—Dust 3 times, beginning when plants are only 5 inches high, and making the last application just as blooms are beginning to open.

**NOTE**—When a heavy Thrip infestation occurs, or when bulbs are planted several years in succession in the same location, weekly dustings may be necessary during the growing season.

**For Best Results**—Killer Dust should be applied when the air is still, preferably in late evening or early morning, when the foliage is damp.

**Before Storing Bulbs**—After harvesting, cleaning and drying the bulbs in fall, dust them lightly with Killer Dust before storing for the winter.



## Two Glads Of Sensational Beauty

**ANNAMAE**—A striking white of good substance. Can be seen from a great distance in the garden. Blooms early. A good glad for cutting.

**ELIZABETH THE QUEEN**—New lavender. Exquisite coloring, wonderful substance and heavy ruffling combine to make this the most important lavender introduction in years. Tall growing and vigorous.

Price: 3 for 45c, 6 for 85c, 12 for \$1.40.

**MORE GLADS ON PAGES 1 & 38**  
All Glads sent postpaid.

## RAINBOW MIXTURE EXTRA FINE BLEND OF COLORS

Choice	25 for \$1.65	All Postpaid
Blooming	50 for \$2.90	
Size Bulbs	100 for \$4.95	

## "DAISY MAE"

### THE NEW GLADIOLA SENSATION!

Always a Blue Ribbon winner, Daisy Mae produces huge pink-orange blooms with a cherry throat mark. Six to eight florets open at one time on tall, husky stems. Very heat resistant. We now offer this truly wonderful new glad at popular prices so that all can grow it this season. **Each 25c, 3 for 65c, 6 for \$1.10, prepaid.**

## Seven Exhibition GLADS

**AUTUMN GOLD**—One of the most richly colored Glads. Deep golden florets softly ruffled and tinged with some orange. 3 for 35c, 6 for 65c, 12 for \$1.10.

**BLACK OPAL**—Superb deep rich red. Nine to ten large round florets, perfectly spaced on fine long spike. So dark and velvety that it can be classed as maroon. 3 for 35c, 6 for 65c, 12 for \$1.10.

**BLUE BEAUTY**—Exquisite medium-blue, with edges of petals suffused rich velvet-blue. Tall strong spike with wide-open blooms. 3 for 35c, 6 for 65c, 12 for \$1.10.

**FRANCIS IRWIN**—Long flowerheads of light rose; tall spikes. A highly rated glad and a dandy for cutting. 3 for 35c, 6 for 65c, 12 for \$1.10.

**LADY JANE**—Rich cream, with yellow lip petals and a slight touch of ruffling. Makes a consistently fine spike. 3 for 35c, 6 for 65c, 12 for \$1.10.

**SUSQUEHANNA**—Clear peach buff with cream throat. Opens 6 to 8 five-inch florets on tall straight stems. A good cut flower. 3 for 35c, 6 for 65c, 12 for \$1.10.

**WINGS OF SONG**—Soft rose-salmon with cream throat blotch and touches of blue around the edge of petals. Makes a striking bouquet. 3 for 35c, 6 for 65c, 12 for \$1.10.

**21 EXHIBITION GLADS \$1.70**  
(3 each of above 7 glads) **ppd.**

## Six GIANT GLADS

**ROSE O'DAY**—Distinctive in color, massive in size, lovely and sturdy. Opens 10 large bright rose florets on tall arrow-like spikes. Robust and distinct. 3 for 35c, 6 for 65c, 12 for \$1.10.

**KING LEAR**—Rich velvety purple of immense size and wonderful ruffling. Edges of petals are bordered with a silver line. Tall and fine in every way. 3 for 35c, 6 for 65c, 12 for \$1.10.

**MARGARET BEATON**—Snowy white florets, with a spark of vermillion-pink deep in throat. Six to eight well-placed blooms open on a long straight flowerhead. 3 for 35c, 6 for 65c, 12 for \$1.10.

**PANDORA**—A soft coral with deeper blotch that makes for a very pleasing combination. Opens well on medium height spike. Excellent for cutting and arrangement. 3 for 35c, 6 for 65c, 12 for \$1.10.

**HAWKEYE RED**—A rich glowing scarlet-red that makes tall, stately spikes. Robust foliage. Opens well in water. A popular glad. 3 for 35c, 6 for 65c, 12 for \$1.10.

**WHITE GOLD**—Huge plain-petaled cream, blending to a golden-yellow throat. Tall and vigorous with 4 to 6-inch massive blooms on a straight stem. 3 for 35c, 6 for 65c, 12 for \$1.10.

**18 GIANT GLADS \$1.45**  
(3 each of above 6 glads) **ppd.**

## For Sturdier Plants and Larger Blooms

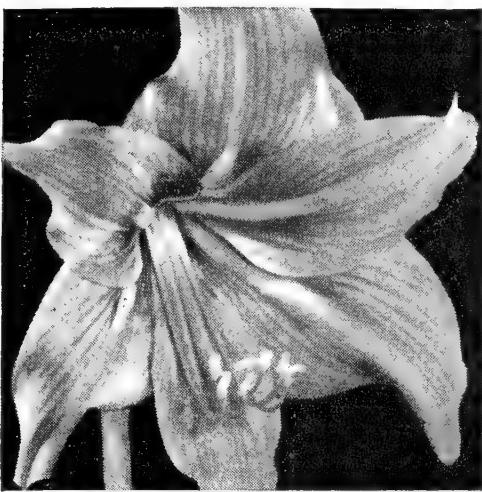
Treat Your Bulbs with Semesan Just Before Planting

1. Remove the skins so that the corms are bare. (In doing this be careful not to injure the tips.) Burn the skins.

2. Dissolve 1 1/3 ounces of Semesan in one gallon of water. Cover the bulbs with this liquid and let them stand for 7 hours. Plant immediately.

Price: 2 oz. can Semesan 45c, prepaid. Full directions with each package.

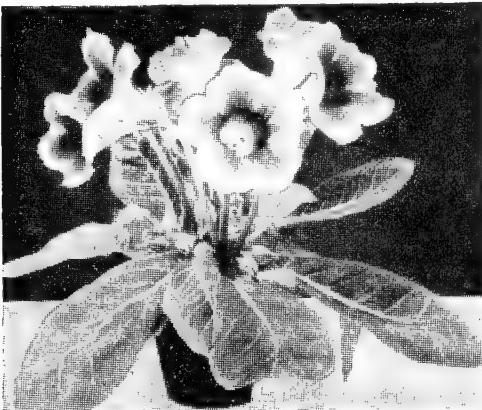
# Miscellaneous Spring BULBS



## ↑ AMARYLLIS *Hybrids*

Most Gorgeous of All House Plants.

This is the finest race of Amaryllis in cultivation. The flowers are superbly shaped and of mammoth size, ranging in color from pure white grounds with varied markings of rose and crimson, to the richest self colors, as scarlet, orange-red and crimson. **Giant Hybrids, Mixed Colors Only, Mammoth 3 inch bulbs, Each 95c, 3 for \$2.50, ppd.**



## GARDEN LILIES →

Withstand Minnesota Winters

**CANDLESTICK LILY (Umbellatum)**—Height 2-3 ft. A showy, sun-loving variety that is easily grown. The large, orange-red flowers are held erect like widespread chalices, and are borne in great profusion in June. **Each 45c, 3 for \$1.15, prepaid.**

**ELEGANS LILY (Royale Red)**—Similar to the candlestick lily in form and habit of growth, but blooms are a rich royal red. Large blooms are held erect on stout 2 foot stems to make a grand show in the garden. Perfectly hardy, free flowering and of easy culture. Be sure to include this one. **Large bulbs each 50c; 3 for \$1.35, prepaid.**

**GOLDEN FLEECE (Umbellatum)**—Bulbs produce very large flowers of a lovely clear golden-yellow with the petals tipped with scarlet. Flowers are held erect on stout 2 to 3 foot stems in June. Very hardy and easy to grow. **Large bulbs each 50c; 3 for \$1.35, prepaid.**

**VERMILLION BRILLIANT (Umbellatum)**—One of the loveliest of all the Umbellatum lilies with its broad petals of crimson bloodred, slightly spotted with black. Very striking! Blooms are held erect on medium height stems. Very hardy. **Large bulbs each 50c; 3 for \$1.35, prepaid.**



## Hardy Lily COLLECTION

3 each of 4 varieties at left.  
12 bulbs \$4.65, prepaid

Ask for Hardy Lily Culture Leaflet

## CALLA LILIES →

Plant them in groups in the foreground of your perennial garden. You will enjoy the beautiful trumpet-shaped flowers as well as the mottled low-growing foliage. **We offer choice, top size bulbs.**

**GOLDEN CALLA (Elliottiana)**—Magnificent golden-yellow flowers. Average height 18 inches. **Each 50c, 3 for \$1.40, prepaid.**

**PINK CALLA (Rehmanni)**—A dainty pink form, 12-15 inches high. **Each 75c, 3 for \$2.10, prepaid.**

**WHITE CALLA (Alba Maculata)**—Glistening pure white flowers on 18-inch stems. **Each 50c, 3 for \$1.40, prepaid.**

## ← TUBEROSES

Cherished for their rich exotic fragrance

Ivory white, wax-like double flowers, closely set on 18-in. spikes. Wonderful in the garden and highly prized for cutting. The flowers have a rich exotic fragrance which is most penetrating in the evening air and perfumes the entire garden. Plant in groups of 3 or 5, among other garden flowers. **Extra Choice Bulbs: 3 for 65c, 6 for \$1.20, prepaid.**



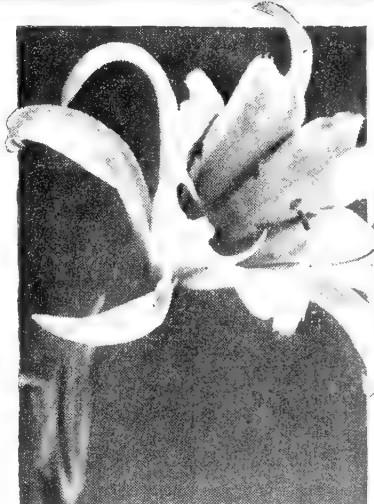
## ISMENE →

Pure White Blooms Exquisitely Fragrant

Large, snowy white flowers, borne in clusters on tall stems, are produced 6 weeks after planting the bulbs. Delightfully fragrant and easy to grow. The sturdy 2-foot plants with their long shining amaryllis-like leaves of rich dark green, are attractive garden subjects throughout the summer months. Ismene is an excellent plant for indoor growing, and the bulbs may be potted in February for indoor blooming. **Select, Top Size Bulbs: each 60c, 3 for \$1.65, 6 for \$3.20, 12 for \$6.00, prepaid.**

## ← Lovely GLOXINIAS

Gorgeous velvet flowers in brilliantly beautiful colors. The blooms open 2½ to 3 inches across. Plants continue to bloom week after week. One of the easiest of all house plants to grow. Cultural directions included with order. Mixture of colors. **Each 35c, 4 for \$1.10, prepaid.**



## Buddleia →

Summer Lilac Shrub

Blooms profusely first year planted, starting in July and lasting through August. Flower spikes are similar to lilacs and attract butterflies with its sweet fragrance.

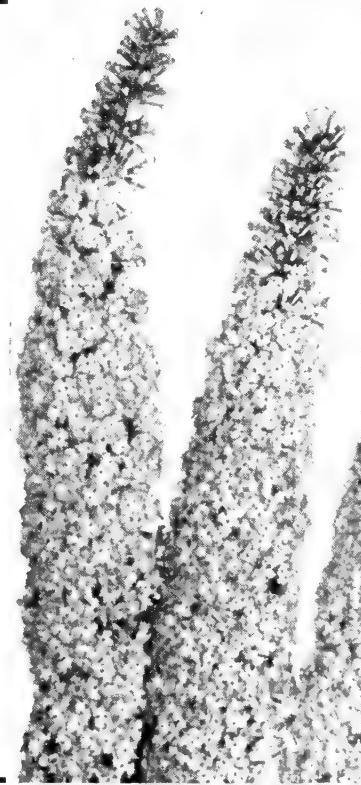
In the north the plant dies down in winter and comes up again in spring from the roots. Makes very rapid growth and reaches a height of 4 to 6 ft.

### THREE EXQUISITE VARIETIES:

CHARMING—Pink  
ELEANOR—Blue  
CONCORD—Red

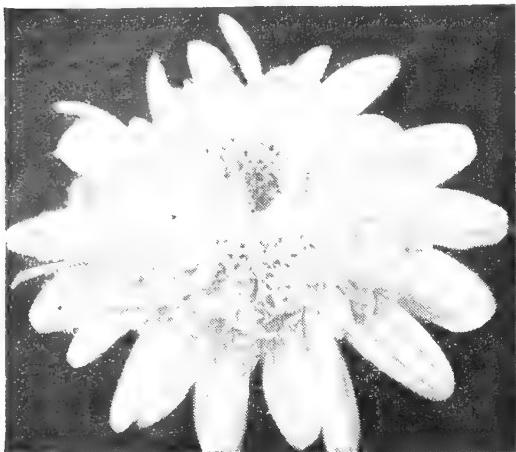
Your choice of above, in sturdy field-grown plants, postpaid:

**3 BUDDLEIA \$1.35  
PLANTS**



These Bulbs are Not Hardy and must be lifted in fall after the tops have been killed by frost, and stored in a cool, frost-proof cellar.

# Farmer Seed Hardy Perennials for lasting Beauty



Shasta Daisy

## HARDY ASTERS

Grow hardy Asters for their lovely fall blooms. They bloom when few other flowers are available. Height 3 to 4 ft. Very hardy and easy to grow.

Red Rover—deep rosy-red  
Blue Gem—medium blue  
Harrington's Pink—pink  
White Lady—white  
Blue Plume—deep purple

All Asters—3 for \$1.20; 45c each, ppd. 1 each of the 5 Asters for \$1.75.

We cannot accept plant orders for less than \$1.00. All perennials mailed postpaid



Hardy Asters

## SHASTA DAISY

Bears very large white flowers on long stems prized for cutting. Blooms June to August. Height 2 ft.

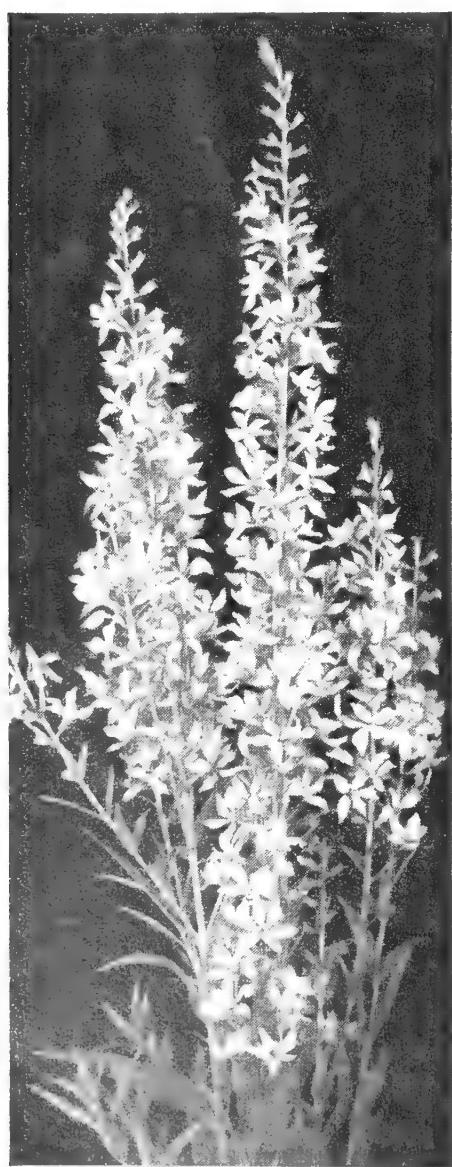
Mount Shasta, New! Double—3 for \$1.60; 60c each, ppd.  
Supreme—Giant White—3 for \$1.35; 50c each, ppd.

## LYTHRUM

Lovely upright growing plant makes a neat bush 30 to 36 inches tall that blooms continuously after mid-June. Loads of dainty blooms on tall spikes—in partial shade or full sun. Good for cutting. Hardy everywhere.

Morden Pink, 3 for \$1.00; 40c each, ppd.  
Dropmore Purple, 3 for \$1.35; 50c each, ppd.

WE CANNOT ACCEPT  
ORDERS UNDER \$1.00  
FROM THIS PAGE



Lythrum

## DELPHINIUM

Pacific Hybrids—Our plants are grown from hand selected true to type seed. Individual flowers are very large, often 2½ in. across on spikes 3 to 4 ft. long. Plants grow 5 to 7 ft. Delphinium are the best accent flowers for your garden. Perfectly hardy.

Choice of light blue, dark blue or white. 3 for \$1.25; 45c each, ppd.

## HEMEROCALLIS—DAY LILIES

Perfectly hardy, easy-to-grow plants that are free flowering, very colorful and unharmed by insects or diseases. **GYPSY:** 4 ft. deep orange, July. **MIKADO:** 3 ft. orange mahogany, July. **MRS. W. H. WYMAN:** 2½ ft. light yellow, August. **RAJAH:** 3½ ft. orange veined red, June-July. Your choice: 3 for \$1.35; 1 each of all 4 for \$1.75, ppd.

## BLEEDINGHEART

Popular favorites producing dainty heart-shaped pink flowers on gracefully arched branches. Thrives in partial shade, but will grow in full sun. Blooms in April and May on 2 ft. plants. Perfectly hardy.

**Spectabilis:** 3 for \$1.60; 60c each, ppd.

**Dicentra Exima (Fern Leaf):** 3 for \$1.25; 45c each, ppd.



Bleedingheart



Delphinium

# Giant Exhibition Dahlias

We offer only top quality roots in collections. Dahlias are of easy culture—give plenty of water and dust to control insects. Cultural directions included with each order. A choice selection of Modern Dahlias.

## "BIG 6" DAHLIA OFFER

**6** ROOTS  
(One of each)

Michigan White—Pure White	\$3.75
World Event—Tyrian-rose	
Maffie—Bright Red	
Beautiful Lady—Lemon-yellow	
Ogden Reid—Salmon and Pink	
Chaut Giant—Orange-yellow	

Regular Value \$5.75

## Surprise Offer of GIANT DAHLIAS

<b>5</b>	Giant Exhibition Dahlias ordinarily selling from 75c to \$1.50, each—All different—(Not labeled.) A real value.	\$2.50
		ppd.

## MINIATURE & POMPON DAHLIAS

### MINIATURE "5" COLLECTION

5 roots Miniature varieties—all different—  
(not labeled.) An excellent offer. \$1.85

### POMPON "5" COLLECTION

5 roots Pompon varieties—all different—  
(Not labeled.) A real deal. \$1.50

Maffie—Bright Red



## 8 Famous MINNESOTA MUMS—FOR THE NORTH

We cannot accept plant orders for less than \$1.00. All Mums and Phlox mailed postpaid.

Plant Garden Mums to have loads of blooms all fall! They are beautiful as border plants in the perennial border or along the house foundation and are the ideal cut flowers in bouquets. All varieties offered are double flowering.

**BUTTERBALL.** 16 in. Lovely double butter-yellow 2½ in. blooms from Mid-August on. Blooms turn bronze in cool weather.

**CHIPPEWA.** 22 in. Giant aster-purple, slightly incurved petals with blooms 2¾ in. across. Good for cutting. Early September.

**DEE DEE AHRENS.**—22 inches. Pure white. Tall, upright plant bearing a multitude of 2 inch flowers on long, stiff stems. Excellent for cutting. Late August.

**GLACIER.** 18 in. Large 3 in. double pure white blooms on dwarf compact plants. Fine for borders or pots. Late August.

**MAROON 'N GOLD.** 16 in. Immense 4 in. flowers of bright Brazil-red shaded maroon with golden reverse. Early September.

**PURPLE STAR.**—20 inches. Tall, upright plant with 2 inch bright dahlia-purple flowers completely smothering the top of each plant. Good for cutting. Late August.

**REDWOOD.** 14 in. Hundreds of 2 inch carnation red flowers on dwarf rounded plants. Excellent for edging. Mid-August to frost.

**SILVER PINK.**—20 inches. Two inch blooms of Tyrian-rose with silvery cast on upright plants. Good for cutting. Early September.

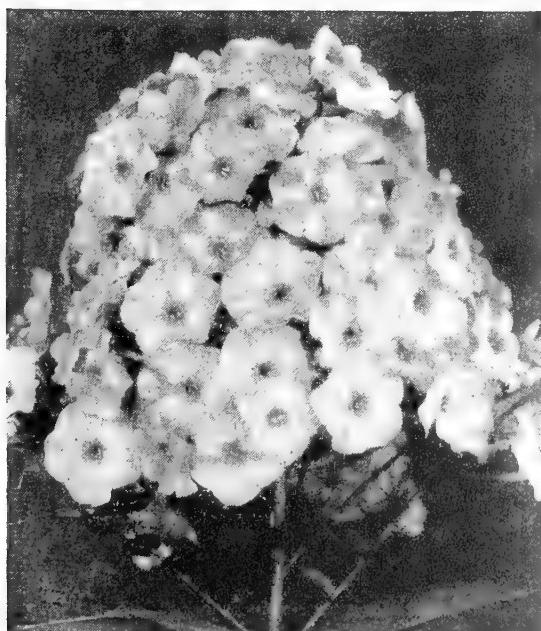
Maroon 'n Gold

Four inch, Two-toned blooms

Your Choice: 3 'Mum plants for \$1.10; 8 plants (one of each) \$2.60 postpaid

## Choice PERENNIAL PHLOX

Phlox are the most popular summer blooming perennial plants. We offer the best varieties as to color, size of flower heads, size of florets, and vigor of plants. Blooms continually from July to frost.



Annie Laurie

**ANNIE LAURIE.**—(Tall). Charming deep salmon pink with deeper colored eye. Large florets.

**BRIGHT EYES.** (Tall.) New lovely beauty of glowing bright rose-pink with dark red eye.

**DAILY SKETCH.** (Tall.) Huge trusses with enormous florets of salmon-pink with a vivid crimson eye. A strong grower that possesses compelling beauty.

**FLASH.** (Tall.) New large rosy red phlox. One of the best. Strong grower and showy.

**MARY LOUISE.** (Med.) Pure, glistening white heads and florets of gigantic size. Best of all whites.

**POLKADOT.**—(Tall.) Large pure white blooms with brilliant red eye. Striking! Attractive as a cut flower.

**ROYAL PURPLE.**—(Med.) Rich shaded violet with deeper eye. Best of the blue purples.

**SALMON GLOW.** (Med.) Beautiful large flat heads with large florets of flame pink with salmon flush—lighter eye.

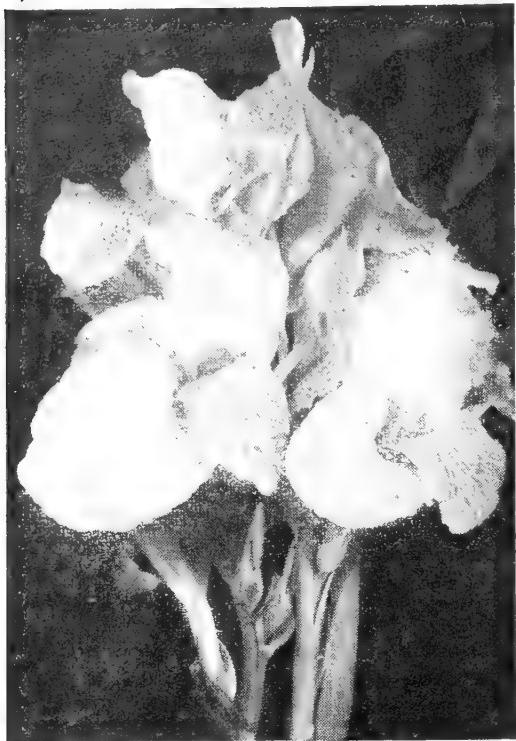
**SPITFIRE.** (Tall.) Large, flower heads of handsome, salmon-orange flowers with small crimson eyes. A robust grower.

**WM. KESSELRING.** (Med.) Plum purple shading to dainty lilac eye. Lovely and unusual.

SEE ALSO PAGE 1, FOR ADDITIONAL PHLOX VARIETIES IN COLOR.

Your Choice: 3 Phlox Plants for \$1.00; 6 for \$1.75 postpaid

# Grow CANNAS



## IN INFORMAL GROUPS AMONG PERENNIAL FLOWERS

We have become so accustomed to seeing Cannas in formal beds in parks that we feel they have no place in smaller plantings. However, the stately plants with their brilliant clusters of flowers hold their own when interplanted with shrubs or in bare spots in the perennial border. Try placing them in groups of three and let them highlight your garden this summer.

### "HOW TO MAKE A ROUND CANNA BED"

See special 19 Canna offer below.

**HUNGARIA**—3½ ft. The best pink canna. Leaves bluish-green, never burn. Trusses are compact and of enormous size.

**KING HUMBERT**—4 ft. Large trusses of orange-scarlet flowers. Foliage is bronze, very broad and handsome. A "Gold Medal" canna.

**ORANGE BEDDER**—4 ft. Bright orange with a scarlet suffusion. Green foliage. Very showy.

**THE PRESIDENT**—4½ ft. Rich glowing scarlet flowers, 7 inches across, on strong, erect stalks. The foliage is green.

**WYOMING**—5 ft. Immense spikes of glowing orange flowers with recurved petals. Bronze foliage. Rich and showy.

**YELLOW KING HUMBERT**—4 ft. Flowers a deep rich yellow, softly spotted and blotched with bright red. Foliage very dark green.

### Special 19 CANNA ROOTS for \$1.90 postpaid

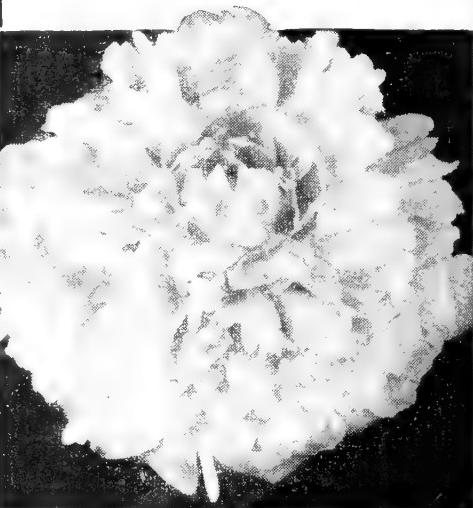
In making a round bed, tall varieties should be selected for center of bed, and low-growing sorts for outside row. Roots should be planted 18 inches apart each way.

A round bed, 7 feet in diameter, requires 19 Cannas—one for center; six for first row; twelve for second row.

A round bed, 10 feet in diameter, requires 37 Cannas—one for center; six for first row; twelve for second row; eighteen for third row.

### CANNA PRICES:

Price, any of the above dormant roots, 3 for 45c, 6 for 80c, 12 for \$1.45, 25 for \$2.75, prepaid. Planting instructions included.



## COLOR COLLECTION

**3 CHOICE PEONY ROOTS** { 1 Red    1 Pink    1 White } \$1.75 ppd.

OUR LEAFLET on Peony Culture tells how deep roots should be planted to give best results. Ask for it.

## Quality LAWN SEED

Choice Reclamed Grasses of Highest Purity & Germination.

FREE: Booklet tells How to Build & Maintain a Lawn.



NOTE—Extremely short crops of Kentucky Blue Grass and Fancy Red Top make prices of Lawn Grass Seed higher than normal. Only the best dependable quality assures you of seed that will establish a beautiful, permanent lawn. Don't waste time and money on cheap mixtures containing many annual grasses, inert matter and weeds. Watch the analysis.

### HOW MUCH SEED TO USE

Size of Plot	Square Feet	Quantity of Seed
10 x 20	200	1 lb.
20 x 50	1,000	5 lbs.
20 x 100	2,000	10 lbs.
50 x 100	5,000	25 lbs.
200 x 200	40,000	100 to 125 lbs.

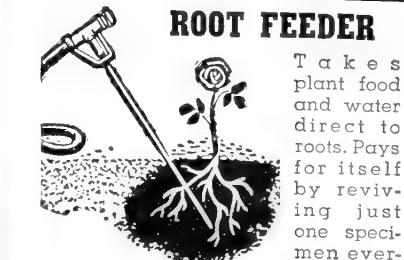
(One Acre) For renovating an old lawn use half of above quantities.

### CREEPING BENT GRASS

Makes fine, dense turf. Ideal for terraces and putting greens. Makes compact sod, due to its spreading habit — eventually crowding out other grasses. Price: 1 lb. \$1.65, 5 lbs. \$7.50, prepaid. Not prepaid, 25 lbs. \$35.00.

### WHITE LAWN CLOVER

Makes a close, compact growth—covering the ground like a carpet. Grows quickly, producing small white flowers, thrives in sandy soil where other grasses fail. Price: ½ lb. 80c, 1 lb. \$1.50, 5 lbs. \$7.00, prepaid.



**ROOT FEEDER**  
Takes plant food and water direct to roots. Pays for itself by reviving just one specimen evergreen. Valuable in planting trees, shrubs, hedges. Feeder fits garden hose, plastic chamber holds cartridge of concentrated plant food which is dissolved and carried by water flow direct to roots. Complete with 12 Plant Food Cartridges, \$3.00 postpaid. Extra cartridges, 12 for \$1.00, postpaid.

### 30 DAY MIXTURE

A mixture of finest quick growing and permanent grasses — will establish a luxurious lawn in 30 to 40 days under normal conditions. Contains Kentucky Blue Grass—White Dutch Clover—Rye Grass and Red Top. Price: 1 lb. 80c, 5 lbs. \$3.85, prepaid. Not prepaid, 25 lbs. \$18.25.

### GARDEN CITY MIXTURE

Popular quality mixture for general use. Contains choicest grasses, roots deep and withstands severe drought. Consists of 50% Kentucky Blue Grass—balance, Red Top, Chewing's Fescue, Rye Grass, and White Clover. Price: 1 lb. \$1.00, 5 lbs. \$4.75, prepaid. Not prepaid, 25 lbs. \$21.00, 100 lbs. \$83.00.

### SHADY NOOK MIXTURE

Hardy grasses that thrive in shady places —ideal for patching up lawns, filling in barren places under trees, and on north side of house. Price: 1 lb. \$1.10, 5 lbs. \$5.25, prepaid. Not prepaid, 25 lbs. \$25.00.

### Stickit Wickit



**PROTECTS AND BEAUTIFIES**

The modern fencing that's easy to install. Each unit is 21" high, 12" wide, green baked enamel on ¼" hardened steel. Carton of 24 (for 24 ft. fence) \$3.75, Doz. \$1.89 postpaid.

## PEONIES

### BEAUTIFUL BLOOMS— ALWAYS DEPENDABLE

Select peonies by color—Red, Pink or White. All named varieties but labeled by color only. Strong 3 to 5 eye divisions.

Price, your choice 60c each, ppd.



# The Nation's Finest New Flower Introductions

ALL AMERICA SELECTIONS

## PETUNIA—FIRE CHIEF

### All America Gold Medal Winner

**1660**—The sensational new red Petunia! Fire Chief has the rare distinction of having been voted more points in the All-America trials than any entry ever judged! Its striking color is best described as spectrum red with the glow of scarlet red; single blooms 2½ inches across, have a rich velvety quality and hold their bright color without fading. Low-growing, compact plants bear a great profusion of blooms all season; ideal for bedding, borders, boxes, potting. With its many outstanding qualities Fire Chief is sure to become an all-time favorite. Pkt.....35c

Petunia Fire  
Chief



## MARIGOLD

### Red Head

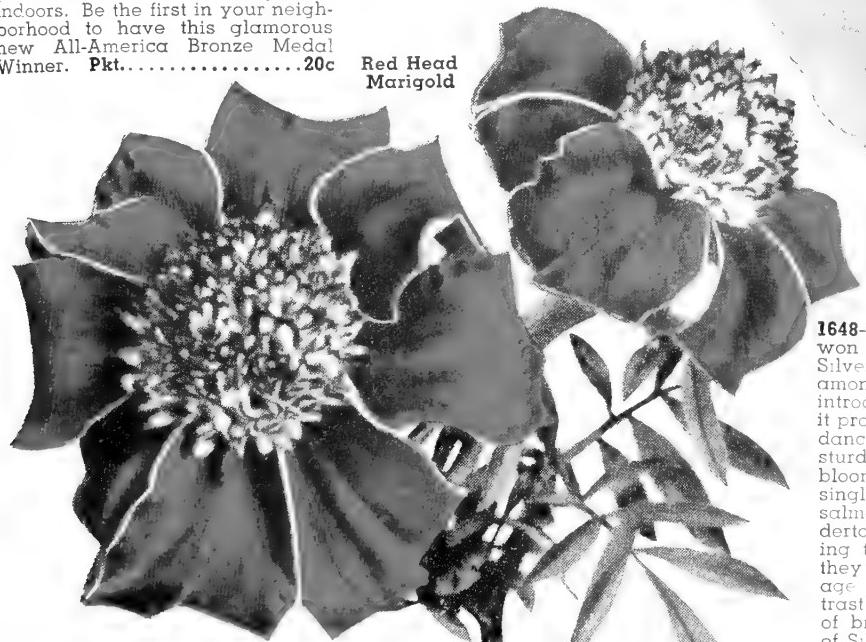
**1503**—As saucy and charming as its name! Showy, single flowers, 2-in. across have gracefully recurved petals which open a rich mahogany shade, gradually changing to tones of bronze and gold; crested centers of tiny gold petals edged with maroon produce a most striking effect. About 12 in. high, plants form compact mounds, literally loaded with gay blooms. Ideal for borders and edgings... perfect for low bowl arrangement indoors. Be the first in your neighborhood to have this glamorous new All-America Bronze Medal Winner. Pkt.....20c

## MORNING GLORY

### Blue Star

**1522**—We think you too will agree, Blue Star's exquisite coloring is "pure delight"... sky blue petals with deeper blue mid-rib spears which form a delightful and attractive star! Flowers are large and make a continuous, spectacular display from July until frost. Wherever you have need for a covering—along fences, porch, arbor, trellis, or pole, do try a planting of this new 1949 All-America Winner. Pkt.....15c

Red Head  
Marigold



## COSMOS

### Sensation Radiance

**A-1314**—New, All-America Silver Medal Winner. The first bicolor Cosmos ever to be developed. Highly recommended for its unusual coloring and well-formed blooms. Extremely large flowers have pleasingly fluted petals of a deep rose shade, overlaid with rich crimson toward the yellow eyed center. Plants attain a height of 4 feet, making them ideal for background plantings. Graceful, finely-cut foliage and strong, straight stems are perfect for floral arrangements. Give your garden a touch of exciting new color with a planting of Sensation Radiance. Pkt.....25c

Morning Glory  
Blue Star

## PETUNIA Silver Medal

**1648**—Named for the award it won in the All-America trials, Silver Medal takes its place among the truly "outstanding introductions." Multiflora type, it produces blooms in such abundance as to completely cover the sturdy, bushy plants over a long blooming season. Large 3-in. single flowers are a lustrous salmon-cerise with orange undertone when first open, changing to a rich salmon shade as they mature; medium-green foliage provides a pleasing contrast. Give your garden a splash of brilliant color with a border of Silver Medal. Pkt.....50c

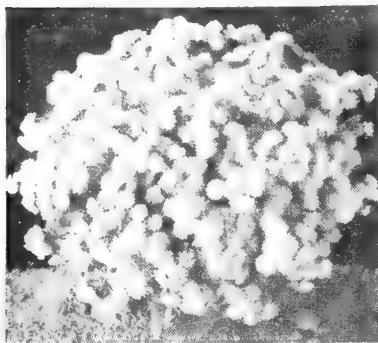
Petunia  
Silver Medal



# FARIBO FLOWER SEEDS

*The World's Finest*

Gorgeous Color For Your Garden Year After Year



Ageratum Midget Blue

## AGERATUM

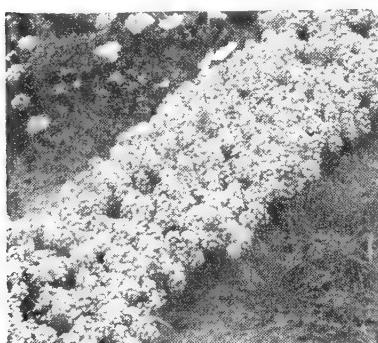
Floss Flower (Annual)

Ageratums are excellent to use for edging walks and flower borders, or they may be used in window boxes and pots in combination with other flowering plants. The soft plush-like little flowers form compact clusters which cover the entire plant. In bloom all summer.

1026 MIDGET BLUE. 4 in. Dwarf and compact, with rich azure-blue flowers. Plants are very uniform in habit and true in color. The best Ageratum for narrow ribbon planting and edging.....Pkt. 15c

1028 FAIRY PINK. 5 in. A delightful rose-pink variety, beginning to flower when only 1½ inches high. The dwarf, compact plants are a mass of bloom all summer.....Pkt. 15c

One packet each of above for 25c



Alyssum Snowcloth

## SWEET ALYSSUM

The Ideal Edging

1031 VIOLET QUEEN. 4 in. A bright, deep violet that does not fade in hot weather. Blooms luxuriantly from early summer to frost.....Pkt. 15c

1032 SNOWCLOTH. The dwarfest and most compact variety. Plants form a dense cluster of snow-white flowers, with the objectionable green center entirely eliminated....Pkt. 15c

1033 LILAC QUEEN. 6 in. Delicate lavender flowers. A pleasing contrast with the white. 1/8 oz. 40c; Pkt. 10c

Alyssum, Madwort (Perennial)

1034 SAXATILE COMPACTUM. "Basket of Gold." 9 in. A mass of golden yellow blooms in early spring when other flowers are scarce. Very effective as a border for tulips. The foliage is silver-gray.....Pkt. 15c

## BABY'S BREATH

Gypsophila (Perennial)

1415 PANICULATA, DOUBLE SNOW WHITE. 2-3 ft. An improved type, bearing masses of minute double white flowers. A charming plant in the garden and for cutting. Pkt. 20c

Annual Gypsophila

Graceful branching plants with clusters of delicate flowers about one-half inch across. Beautiful in bouquets with other flowers.

1416 ELEGANS GRANDIFLORA ALBA. 1½ ft. Large-flowering pure white. ....1/4 oz. 25c; Pkt. 10c

1417 ELEGANS GRANDIFLORA ROSEA. 1½ ft. Beautiful rose-pink. ....1/4 oz. 25c; Pkt. 10c

## Wilt Resistant Asters

A special strain bred to resist Fusarium Wilt and much more vigorous and productive than the ordinary strains. The different types which we offer, vary in form and blooming season. By starting seed of various types, you are assured of brilliant garden display and flowers for cutting from mid-summer to frost.

### GIANT CREGOS

Wilt Resistant

Large flowers, 4 to 5 inches across, with long ribbon-like, gracefully curled and twisted petals, giving them a lovely fluffy appearance. Plants are strong growing of branching habit, 2 feet tall, and bloom in midseason with long stems fine for cutting.

1103 BLUE FLAME. Bright navy blue, excellent color.

1104 CRIMSON. Rich and velvety; a striking vivid red.

1105 DEEP ROSE. Always in demand; attractive color.

1106 MIXED. Many colors blended.

Any of the above, Pkt. 15c

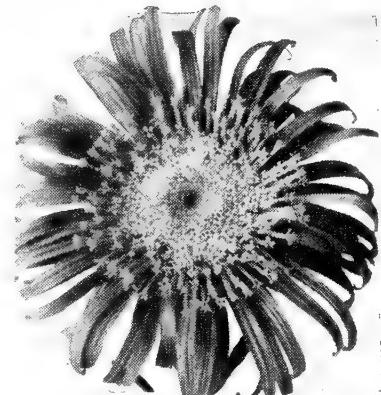
Any 3 Pkts. 40c

### SUNSHINE ASTERS

(Midseason)

The most beautiful and artistic of all Asters. The flowers have cushion centers of light yellow tubular petals, surrounded by broad guard petals of pink, rose, blue or lavender, producing a wonderful color contrast, and presenting an airy, lace-like effect. Individual blooms are 4 to 5 inches in diameter, on long, stiff stems. Plants 3 ft. high.

1169 GIANT CALIFORNIA SUNSHINE, FINEST MIXED.....Pkt. 15c



Sunshine Aster

### BRILLIANT RED ASTERS

(Early Midseason, Wilt Resistant)

1174 SENSATION. Brilliant scarlet flowers, large and very double..Pkt. 15c

1175 HEART OF FRANCE. Rich deep glowing red.....Pkt. 15c

### GIANT MAMMOTH PEONY FLOWERED

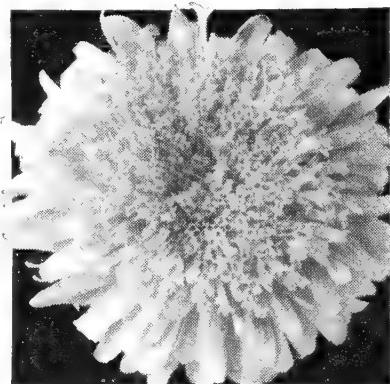
(Midseason) Height 2½-3 ft.

A super strain with immense double flowers of perfect form, borne on long stout stems characteristic of the true peony flowered type. Wonderful for cut flowers and a splendid keeper.

1140 SILVERY ROSE.

1141 PURPLE ROBE.

.....1/8 oz. 40c; Pkt. 15c



Princess Linda

### NEW CRESTED OR PRINCESS ASTERS

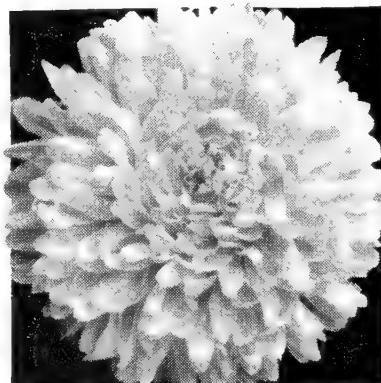
(Early Wilt Resistant—Height 2 ft.)

Princess Asters have full, double crested centers of bright gold, surrounded by several rows of broad guard petals. Colors include lovely shades of pink, salmon-rose, scarlet and yellow. Flowers are 3 to 3½ inches across, come into bloom early, and have exceptional keeping qualities.

1154 PRINCESS LINDA (Pink).

.....Pkt. 25c

1155 PRINCESS MIXED.....Pkt. 15c



Royal Rose

### EARLY ROYAL

(Early Midseason, Wilt Resistant)

These come into bloom in mid-August. The flowers are large and very double, with broad incurved petals; stems are long and upright, branching from the base of the plants. Height of plants, 2 feet.

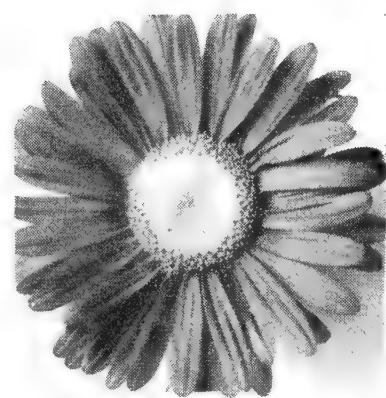
1125 ROYAL ROSE

1127 ROYAL LAVENDER

1128 ROYAL PURPLE

Any of above, Pkt. 15c

1130 ROYAL MIXED. ....1/8 oz. 40c; Pkt. 15c



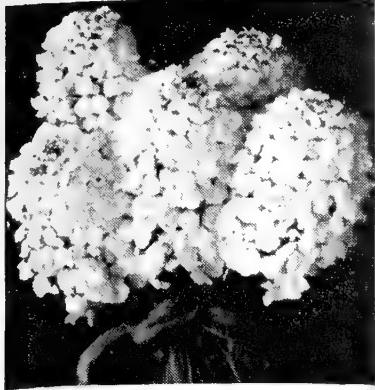
The rich coloring of Giant Single Asters is accentuated with golden Yellow Centers

For Sturdier Plants and Larger, Healthier Blooms

Disinfect your Aster Seed with SEMESAN just before sowing. Use a pinch to a packet of seed, mix well, thoroughly coating seed, and sow. SEMESAN is a simple easy-to-use dust treatment.

1/3 oz.

10c



Candytuft—Giant Hyacinth

**GIANT DOUBLE CALENDULAS**

Scotch or Pot Marigold (Annual)

- 1210 APRICOT BEAUTY. A new strain with uniformly larger flowers of better formation, longer, straighter stems and greater resistance to summer heat. The color is a two-tone bright apricot..... Pkt. 15c  
 1213 GLOWING GOLD. (New.) Loose, fluffy petals, giving the appearance of a golden ball..... Pkt. 10c  
 1219 DOUBLE ART SHADES. Pastel hues of apricot, cream, and orange. ....  
 1/8 oz. 50c; ptk. 10c

**CANDYTUFT**

(Annual)

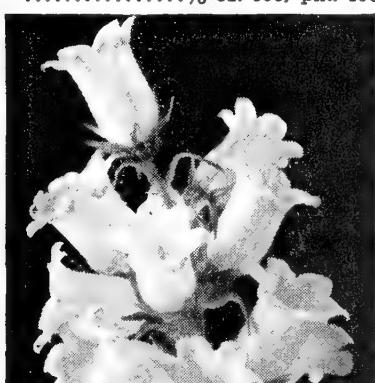
Dwarf plants admirably adapted to beds, edgings, pots and borders. Will thrive anywhere, and blooms profusely throughout the summer.

- 1240 GIANT HYACINTH-FLOWERED. 1 ft. Snow-white flowers.....  
 1/8 oz. 25c; ptk. 10c

- 1242 FINEST MIXED.....  
 1/8 oz. 25c; ptk. 10c

**PERENNIAL CANDYTUFT**

- 1243 SEMPERVIRENS. 1 ft. Dwarf evergreen plants covered with white flowers in spring and early summer. Fine for borders and the rock garden.....  
 1/8 oz. 60c; ptk. 15c



Canterbury Bells (Single)

**CANTERBURY BELLS**

Campanula Biennial

Plants form perfect pyramids about 2 feet high and produce beautiful bell-shaped flowers on long upright stems. Bloom in early summer.

- 1225 SINGLE CANTERBURY BELLS. Mixed colors, rose, blue and white ..... Pkt. 10c

- 1226 DOUBLE CANTERBURY BELLS. Mixed colors, pink, blue and white ..... Pkt. 10c

- 1232 CUP AND SAUCER CANTERBURY BELLS. Its very large calyx is the same color as the corolla, giving the flower the appearance of a cup and saucer. Mixed colors....Pkt. 10c

**CARNATION**

(Annual)

Few flowers surpass in fragrance the spicy-scented Carnation. Given an early start indoors or in a hotbed, Double Carnations like those grown by florists, can be grown in the outdoor garden. Plants lifted in fall, cut back and potted, will bloom again indoors.

- 1251 GIANT ENFANT DE NICE. Flowers are 2-3 inches in diameter on long, strong stems. Finest mixed colors..... Pkt. 15c

- 1252 GIANT DOUBLE MARGUERITE. Blooms abundantly within five months from planting. Finest mixture.Pkt. 15c



Centaurea—Jubilee Gem

**CENTAUREA***Cyanus* (Annual)  
Bachelor's Button—Cornflower

These new improved varieties have larger flowers, stiffer stems and more vivid coloring. They grow about 30 inches tall, bloom all summer, and make fine cut flowers.

- 1260 RED BOY. 1261 SNOWMAN.  
 1262 BLUE BOY. 1263 PINKIE.  
 Any of above, 1/4 oz. 35c; ptk. 10c.  
 1268 JUBILEE GEM. 1 ft. This dwarf variety forms a compact plant, literally covered with vivid deep blue flowers..... Pkt. 15c  
 1269 DOUBLE MIXED.....  
 1/4 oz. 35c; ptk. 10c

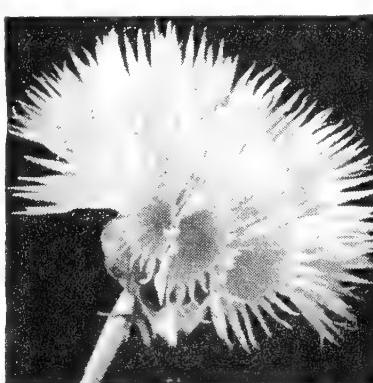
**GIGANT SWEET SULTANS, 2 1/2 ft.**

Beautiful, fluffy, double flowers on long smooth stems. Fragrant and extra-fine for cutting.

- 1278 IMPERIALIS FINEST MIXED.  
 Any of above, 1/4 oz. 35c; ptk. 10c

**CERASTIUM**

Snow in Summer (Perennial) 6 inch  
 1235 TOMENTOSUM. A creeping mat-like plant with silvery white foliage and masses of pure white star-shaped flowers in May and June. Valuable for rock gardens and borders in dry, sunny spots and poor soil....Pkt. 15c



Centaurea Imperialis

**CLARKIA**

(Annual)

- 1300 ELEGANS DOUBLE MIXED. Height 2 ft. Plants send up a mass of slender, upright branches, with each branch covered for almost its entire length with charming rosette-like flowers, resembling sprays of Flowering Almond.....Pkt. 10c

**CLEOME**

(Annual)

- 1302 CLEOME, PINK QUEEN. 4 ft. Huge heads of delightful and refreshing true pink. The large flower bracts turn to white before falling, giving the appearance of a white collar with a pink cap. Grows 4 ft. tall and over, and blooms from July until frost. The foliage is airy and well-branched. An effective background plant...Pkt. 15c

**COLLINSIA**

(Annual)

- 1303 COLLINSIA BICOLOR. Also known as "Chinese Houses" because the tiers of whorled, deeply-lipped flowers suggest Chinese pagodas. Eighteen-inch plants bloom freely from June to October. Fine for cut flowers, bedding and edging. Violet and white mixed..... Pkt. 10c



Columbine (perennial)

**COCKSCOMB***Celosia* (Annual)

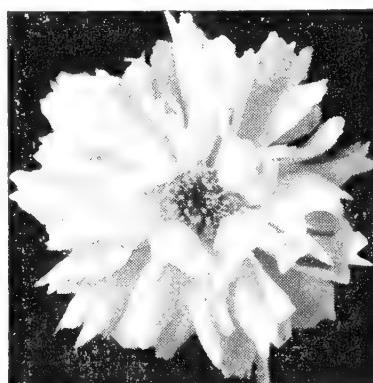
- 1255 CRISTATA. Height 12-18 in. Large ornamental flower-heads frilled and corrugated like a cock's comb. Mixed colors..... Pkt. 10c

- 1258 PLUMOSA. Height 3 1/2 ft. Forms pyramidal branching plants with large feathery flower-heads, ranging from orange to deep crimson. Mixed colors..... Pkt. 10c

- 1259 PYRAMIDALIS (Flame of Fire). Height 1 1/2 ft. Candelabra-shaped plants, each branch terminating in a flower-head of fiery scarlet...Pkt. 15c

**COLUMBINE***Aquilegia* (Perennial)

- 1305 DOBBIE'S IMPERIAL HYBRIDS. Height 2 ft. Splendid plants for partially shaded positions in the border or rockery. Foliage is graceful and fern-like; the dainty long-spurred flowers are produced in strong brilliant shades of blue, lavender, pink and yellow..... Pkt. 15c



Coreopsis Sunburst

**DOUBLE COREOPSIS**

(Perennial)

- 1309 DOUBLE SUNBURST. 2 ft. Double golden-yellow flowers, 1 1/2 to 2 inches across, excellent for cutting as the flowers are easy to grow and fine keepers. Plants are of easy culture and bloom profusely throughout the summer..... Pkt. 15c

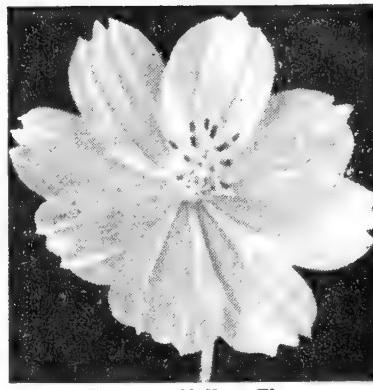
**CYNOGLOSSUM**

(Annual)

- 1318 DWARF FIRMAMENT. 16 in. Attracts attention wherever grown, because of the extraordinary blue coloring of the flowers. Borne in long sprays, they are a deep brilliant blue, delightful in the garden and when used in flower arrangements. Plants bloom freely over a long season..... Pkt. 10c

Detailed instructions on growing and care of Annual and Perennial Flowers, Flowering Bulbs, Rose Gardens, Water Gardens, Rock Gardens, House Plants.

**98 Illustrations  
484 Pages** **35c ppd.**



Cosmos—Yellow Flare

**COSMOS**

Early Giant Flowering

**Early Mammoth Single**

- 1310 EARLY FLOWERING MAMMOTH MIXED, 4-6 ft. Tall, graceful, airy plants with handsome large blooms excellent for cutting. Contains soft shades of crimson, pink and lavender..... Pkt. 10c

**Early Klondike**

The plants of Early Klondyke are well-branched and very sturdy with deep green serrated foliage and long wiry stems.

- 1311 ORANGE RUFFLES. 3 ft. Semi-double flowers of flaming orange, with an airy butterfly-like beauty. Blooms early and continuously for 6 weeks..... Pkt. 15c

- 1313 YELLOW FLARE. 3 ft. A pure golden yellow Cosmos. Exquisite when used with Orange Ruffles..... Pkt. 15c



Cosmos Double Crested

**Giant Early Sensation**

- 1314 SENSATION. Mixed. 4 ft. Mammoth flowers, 4-5 inches across with heavy fluted petals. Colors: rose-pink, dazzling scarlet and white with a satin sheen..... Pkt. 15c

- A-1314 SENSATION RADIANCE. 4 ft. Striking deep rose, zoned crimson at base of petals. The first bicolor Cosmos ever to be developed. Flowers are giant in size with long strong stems, ideal for cutting..... Pkt. 25c

**Early Double Crested**

- 1315 EXTRA EARLY DOUBLE CRESTED. 4 ft. As large as the popular Sensation Cosmos, but with a 2-inch crested center making it appear even larger. Colors are white, pink and red..... Pkt. 15c

**CYPRESS VINE**

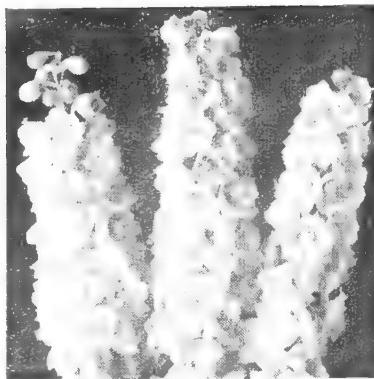
(Annual Climber)

- 1319 Height 10-15 ft. A good vine for training on a light ornamental trellis. Bears a profusion of star-shaped scarlet and white blossoms from midsummer to frost. Fine fern-like foliage..... Pkt. 10c

**DAHLIAS**

(Half Hardy Perennial)

- 1306 UNWIN'S IDEAL BEDDING MIXED. 18 in. Have lovely dahlias 60 days from sowing. We offer the best mixture of double and semi-double flowering, in shades of orange, pink, yellow, lavender, red and white. Dwarf bushy plants. Easy to grow as zinnias, they give a striking effect in the border and are unsurpassed as cut flowers..... Pkt. 25c



Delphiniums—B and L Hybrids

**DELPHINIUMS**

Hardy Larkspur (Perennial)

1334 BLACKMORE AND LANGDON HYBRIDS. Enormous flowers in delicate shades of blue, mauve and pink, with bees of contrasting colors.....  
Pkt. 35c

1335 GOLD MEDAL HYBRIDS. Color from pale lavender to deep blue, with many double.....  
Pkt. 20c

1336 WREXHAM HOLLYHOCK STRAIN. Giant flowered strain with double blooms 1½ to 2 inches across, many of them bi-color.....  
Pkt. 35c

**DIANTHUS OR PINKS**

China Pinks (Annual)

Easily raised from seed, they bloom from early summer until frost.

1341 HEDDEWIGI LACINIATUS. DOUBLE MIXED. 1 ft. Brilliant colors, many striped and mottled...  
Pkt. 10c

1348 HEDDEWIGI LACINIATUS. SINGLE MIXED. 1 ft. Very large fringed flowers ranging from white to deep crimson. Mixed colors.....  
1/8 oz. 25c; pkt. 10c

**DIDISCUS**

Blue Lace Flower (Annual)

1354 Height 2-3 ft. Clusters of lovely umbel-shaped flowers, 2 to 3 inches across are produced from July to frost. Color, an exquisite shade of clear lavender-blue. Fine for cutting  
.....  
Pkt. 10c



Four O'clock—Marvel of Peru

**DOLICHOS**

Hyacinth Bean (Annual Climber)

1357 SOUDANENSIS. Height 10 ft. Large dark green leaves and erect racemes of purple and white flowers, followed by ornamental seed pods of a shining bronze-purple. Grows rapidly.....  
1/2 oz. 25c; pkt. 10c

**FOUR O'CLOCKS**

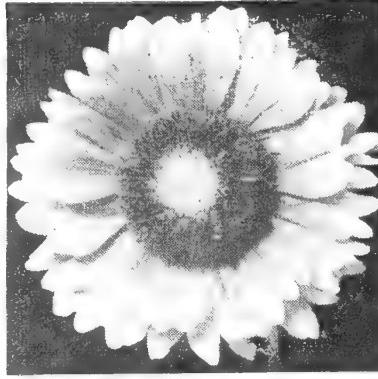
Marvel of Peru (Annual)

1370 Height 2-3 ft. Erect, bushy plants with dense glossy foliage and hundreds of long-tubed, funnel-shaped flowers of white, yellow, crimson or red. They remain closed until 4 o'clock in the afternoon when the plants become a glowing mass of color.....  
1/2 oz. 20c; pkt. 10c

**FOXGLOVE OR DIGITALIS**

(Biennial)

1355 SHIRLEY HYBRIDS. Height 5-6 ft. The flower-heads are over 3 feet long, closely set with big bell-shaped blossoms of white, rose and crimson with beautiful throat markings. Mixed colors.....  
Pkt. 15c



Gaillardia—Giant Hybrids

**GAILLARDIAS**

Blanket Flower (Annual)

Brilliant and effective either for garden decoration or cutting. Gaillardias delight in a warm, sunny location and light, open, well-drained soil. Sow the seed where they are to bloom.

1379 INDIAN CHIEF. 1 ft. Flowers are a glittering, metallic, bronze-red color with dark brown center.....  
1/8 oz. 25c; pkt. 10c

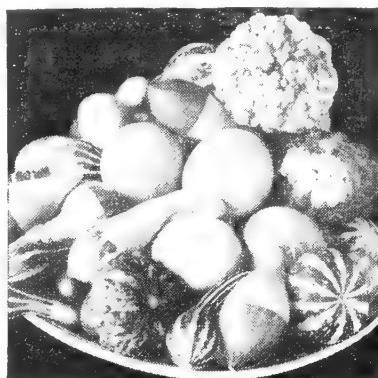
1380 LORENZIANA DOUBLE FINEST MIXED. 18 in. Colors range from light lemon-yellow to deep orange or scarlet with striking bands and flecks of crimson.....  
1/8 oz. 25c; pkt. 10c

**GAILLARDIA Grandiflora**  
(Perennial)

One of the few perennials that flowers continuously from June to October. They thrive in any position or soil and are perfectly hardy. Invaluable for cutting.

1382 BURGUNDY. 2 ft. Shining wine-red flowers, 2½ inches in diameter on long, stiff stems.....  
Pkt. 20c

1384 GIANT HYBRIDS. 2 ft. Immense flowers in all of the lovely shades of orange, yellow and red, some measuring 4 inches across. The finest strain available.....  
Pkt. 15c  
One packet each of above for 30c.



Gourds—Small Fruited Varieties

**GOMPHRENA**

Globe Amaranth (Annual)

1390 Height 18-24 in. Bushy plants with clover-like blossoms of purple-red, yellow, rose and white. Very attractive in winter bouquets. They should be cut before they are fully open.....  
Pkt. 10c

**GOURLDS**

Small Fruited Ornamental (Annual Climber)

1393 SMALL VARIETIES, MIXED. 15-20 ft. Useful for covering arbors, fences, etc. The flowers are often beautiful, and the fruits are oddly shaped and quaintly marked and colored. They make unique table decorations and interesting toys for children.....  
1/4 oz. 25c; pkt. 10c

**HELICHRYSUM**

Everlasting or Strawflower (Annual)

1425 Height 2-3 ft. Large double flowers, 1-1½ in. across, are produced all summer. Colors range from yellow, orange, red and rose to white. Splendid for winter bouquets.  
Pkt. 10c



Hollyhock—Charter's Double Mixed

**HOLLYHOCKS**

Hollyhocks are most easily grown from seed sown in late June. Seedlings should be transplanted as soon as large enough to handle, for their taproots make large plants difficult to move, and usually result in injury to the root.

1437 CHATER'S DOUBLE MIXED. 6-8 ft. Extremely double flowers resembling small peonies with closely packed petals. Color range includes crimson, rose-pink, yellow, salmon and scarlet.....  
1/8 oz. 60c; pkt. 15c

**KOCHIA**

Summer Cypress (Annual)

1465 Height 2-2½ ft. Plants are erect, much-branched and densely pyramidal resembling small closely-sheared evergreens. Foliage is feathery soft bright green, turning to red in fall.....  
1/2 oz. 25c; pkt. 10c

**LARKSPUR**

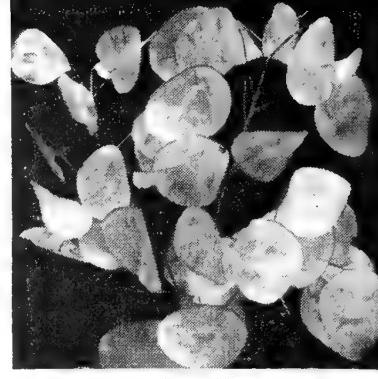
(Annual)

New Ground Branching

The distinctive feature of these new larkspurs is their ground branching habit. Many strong, upright, 3½ ft. branches from the very base of the plants present a solid, erect, column-like appearance—the upper one third being loaded with large double blooms, 1½ in. across. The long stems are especially desirable for cutting and a row of these larkspurs in the garden is most striking.



Larkspur Imperial Mixed



Lunaria or Honesty

**LUNARIA OR HONESTY**  
(Biennial)

1490 Height 2 ft. Has purple flowers followed by shiny silvery seed pods. It is called "Honesty" because the seeds can be seen through the pods. Also known as St. Peter's Penny. Very attractive in winter bouquets combined with Physalis and other Everlastings.....  
Pkt. 10c

**MORNING GLORIES**

Ipomea (Annual Climber)

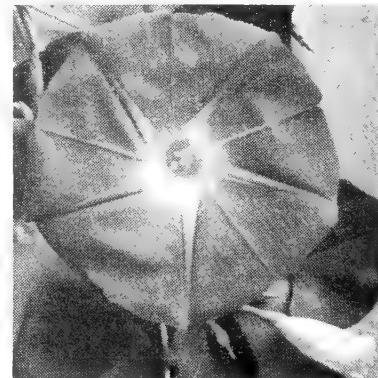
1520 PEARLY GATES. Large satiny white flowers with cream shading in throat. The luxuriant foliage sets off the flowers to best advantage and gives them a beautiful appearance.....  
Pkt. 15c

1522 BLUE STAR. Exquisite sky-blue flowers. 1949 All-America winner. See page 49.....  
Pkt. 15c

1524 CRIMSON RAMBLER. Bright ruby-red flowers set off by an attractive white throat, which adds to its beauty.....  
Pkt. 10c

1525 SCARLETT O'HARA. A new color in Morning Glories. Rich wine-red or deep crimson. Very showy. For early flowering, the seed should be started in pots in March.....  
Pkt. 15c

1526 EARLY FLOWERING HEAVENLY-BLUE. Vines are a mass of lovely sky-blue flowers, 2½-3 inches across, from early summer to frost...  
Pkt. 15c



Morning Glory—Heavenly Blue

1527 SELECT MIXED. Flowers are ruffled and fluted from throat to margin. Colors: red, rose, garnet, blue, purple, etc.....  
1/2 oz. 40c; pkt. 10c

**Morning Glory Collection**

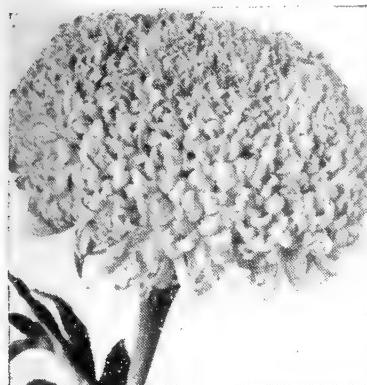
One } Scarlet O'Hara	Pkt. } Pearly Gates	40c
Each } Heavenly Blue		

**NIEREMBERGIA**  
(Blue Cup Flower)

1541 PURPLE ROBE. All-American Bronze Medal Winner. Attractive, violet-blue flowers, 1 to 1½ in. across, which do not fade in hot sun. Plants form a dense mat, 6 in. high, 1 ft. across, and are thickly covered through summer and fall with beautiful cup-shaped flowers. Wonderful for borders, edgings, rock gardens, potting and baskets. Does best in sandy soil and full sun.....  
Pkt. 25c

# MARIGOLDS Have Many Uses

Marigolds are sun-loving plants, thriving in hot, dry locations. With their wide variations in height, color and form, they may be used to advantage in many parts of the garden.



Goldsmith

## Chrysanthemum-Flowered

**1495 GOLDEN BEDDER.** 14 in. Very early. One of the most beautiful of all dwarf marigolds, with bright golden flowers 3 inches across. Plants are a mass of bloom for many weeks.....**Pkt. 15c**

**1496 MAMMOTH MUM.** 3 ft. Great fluffy light sulphur-yellow flowers, 3 inches across and 2½ inches deep. The plants are bushy, erect and strong and bloom early and profusely.....**Pkt. 15c**

**1497 GOLDSMITH.** 2 ft. Early flowering for Northern gardens. This is a beauty, with full double blooms of rich golden orange, 3 inches across. Almost a perfect ball in shape, the flowers are produced on stems of good cutting length.....**Pkt. 15c**



Real Gold

## Carnation Flowered With Odorless Foliage

**1498 MAYLING.** 2 ft. Named in honor of Mme. Chiang Kai-shek. The rich golden yellow frilled flowers grow 3 inches and more across. The petals are incurved practically their entire length and daintily fringed on the outer edges. Plants bloom early and profusely. The foliage is without odor.....**Pkt. 15c**

**1499 REAL GOLD.** 2 ft. This handsome golden orange Marigold has giant exhibition blooms, 4½ inches across, very deep and very double. Its richness of color and size make "Real Gold" outstanding in every way.....**Pkt. 15c**

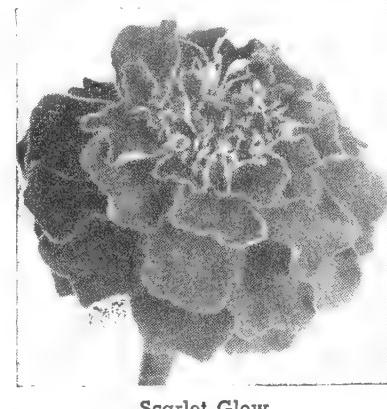
**1500 SPECIAL MIXTURE.** 1½-2½ ft. Deep orange, golden orange, golden yellow, canary-yellow and primrose flowers in a magnificent mixture. Fine for garden decoration and especially desirable for cutting as the foliage is odorless.....**Pkt. 15c**

## Dwarf French Marigolds For Borders, Pot Plants and Bedding

**1503 NEW RED HEAD.** 1 ft. All American Bronze Medal Winner. Flowers have crested centers with erect golden petals edged maroon, surrounded by large petals of rich mahogany, auburn, bronze and gold.....**Pkt. 20c**

**1504 SCARLET GLOW.** 1 ft. In the sun this flower glows and seems redder than any other Marigold.....**Pkt. 15c**

**1505 DWARF DOUBLE BUTTERBALL.** 9 in. An exquisite little Marigold with 1½-inch canary-yellow blooms. Early and continuous flowering, excellent for edging or pot plants.....**Pkt. 15c**



Scarlet Glow

**1507 DWARF DOUBLE SUNKIST.** 9 in. A Silver Medal Winner. Very early and like Butterball in habit and form, but the color is a rich, deep orange.....**Pkt. 15c**

**1508 NAUGHTY MARIETTA.** 12 in. This lovely dwarf single French marigold has flowers 2-2½ inches in diameter. In full bloom, the plants are 16 inches across, completely covered with bright golden-yellow flowers, attractively marked with mahogany at the base of the petals. Very showy, for beds and borders.....**Pkt. 20c**

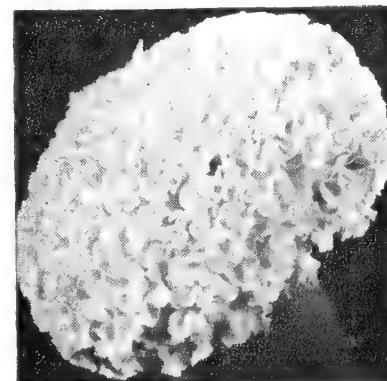
**1510 FLASH.** 1½ ft. Single French, with flowers of rich, velvety red and gold—two-tone in effect. Brightens dull spots in the garden and is ideal for borders, pot plants and cut flowers.....**Pkt. 15c**

**Marigold Border Collection**  
One SCARLET GLOW  
Pkt. BUTTERBALL  
Each SUNKIST **35c**

## Double African Marigolds

**1502 FINEST MIXED VARIETIES.** 2½ ft. Immense ball-shaped, perfectly double-blooms on long, stiff stems. Colors include canary-yellow, dazzling orange and rich golden yellow. They make a magnificent display in the garden and furnish flowers for cutting until frost.....**Pkt. 10c**

**POCKET BOOK  
of Flower Gardening  
See Page 51**



Double African Marigold

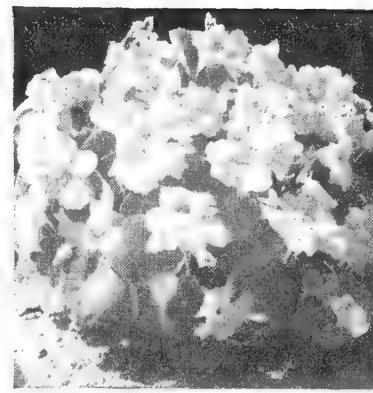
## Mammoth Marigold COLLECTION

One packet each

**MAMMOTH MUM**

**MAYLING**

**30c**



Dwarf Double Gem

## NASTURTIUMS

Will bloom most prolifically if given a rather poor soil and an open, sunny position.

### Double Gleam Type

**1570 GOLDEN GLEAM.** Fragrant golden-yellow flowers on long stems.

**1571 SCARLET GLEAM.** Fiery orange-red flowers with ruffled petals.

**1572 DOUBLE GLORIOUS GLEAM HYBRIDS.** Gorgeously colored flowers of salmon, yellow, cream, orange, scarlet, maroon and rose shades.

Any of above, **pkt. 10c**

**1573 DWARF DOUBLE GEM MIXED.** Compact plants, ideal for edging. Semi-double, fragrant flowers in a bright range of colors.....**Pkt. 15c**

**1574 DWARF SINGLE MIXED.** 1 ft. Giant flowers in a great variety of gay color combinations and the brilliant self-colored sorts.....**Oz. 25c; pkt. 10c**

**1575 TALL GIANT FLOWERING MIXED.** Excellent for rambling over sunny banks, stone walls or for covering bare spots in the rock garden.....**Oz. 25c; pkt. 10c**

.....



Phlox—Drummondii

## ANNUAL PHLOX

Drummondii Gigantea

Improved Annual Phlox rivals in size the hardy perennial varieties and is unsurpassed for massing and bedding. It provides an unfailing display of color and cut flowers from early July until well into October.

**1666 FINEST BEDDING MIXED.** 12 in. ....**Pkt. 15c, 2 pkts. for 25c**

## PLATYCODON

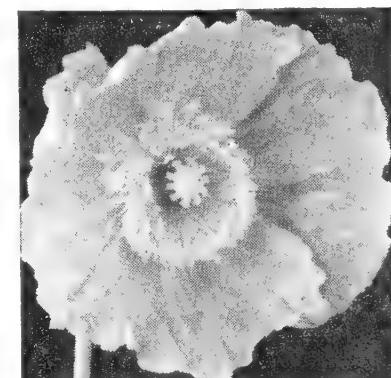
Balloon Flower (Perennial)

**1679 GRANDIFLORA BLUE.** Height 18-24 in. Handsome compact-growing plants, bearing an abundance of broad, bell-shaped blue flowers in July. The flowers when in bud have the appearance of inflated balloons.....**Pkt. 10c**

## POPPIES

Iceland Poppies (Nudicaule) Perennial

To brighten the garden, you can make no better choice than the new improved Iceland Poppies. They bear immense flowers with broad, deeply fluted petals, giving a semi-double effect. Bloom freely the first year from seed if sown early.



Emperor Poppy

Pansy—Swiss Giants

## NICOTIANA

Flowering Tobacco (Annual)

**1540 CRIMSON BEDDER.** The dwarf, well-branched plants, 15 in. tall, are covered with deep crimson, sweet-scented blooms. The flowers resemble petunias, but have a longer tube. They open toward evening and emit a heavy fragrance.....**Pkt. 15c**

## GIANT PANSIES

Pansy seed may be started indoors in February or in a cold frame in March, in carefully pulverized rich soil.

Transplant to open ground in May.

If flowers are picked regularly, the plants will continue to bloom until frost. Protect with a mulch of straw, in fall, and they will endure hard winters with perfect safety.

**1628 ROGLI SWISS GIANTS MIXED.** Gigantic flowers of heavy texture on strong stems. The colors are choice and rare, surpassing in quality and range all other Swiss Giants. ....**Pkt. 35c**

**1629 MASTERPIECE OR RUFFLED PANSIES.** A remarkable strain of Giant Pansies with beautifully frilled petals, so full as to appear almost double. Rich colors, with dark velvety shades predominating....**Pkt. 25c**

**1706 GARTFORD GIANT ART SHADES.** 18 in. Exceptionally large flowers, fluted, and carried on long stems. The colors include lovely pastels.

**1707 THE EMPEROR.** 18 in. Deep tangerine orange.

Any of above, **pkt. 20c; 3 pkts. for 50c**

## ORIENTAL POPPY

(Perennial)

**1710** Height 2-3 ft. For gorgeous coloring Oriental Poppies have few rivals among hardy plants. The flowers are often 6 inches across and are borne on tall stems. Produce a magnificent effect.....**Pkt. 15c**

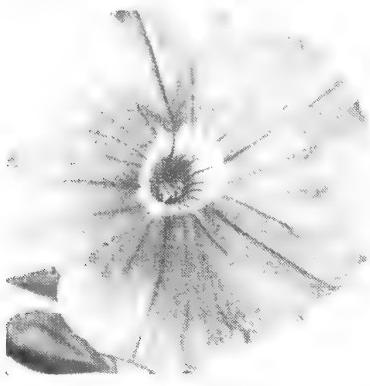
## ANNUAL POPPIES

**1691 AMERICAN LEGION.** An improved variety of Flanders Poppy. Flowers are a brilliant orange-scarlet of enormous size, on long stout stems.....**1/4 oz. 25c; pkt. 10c**

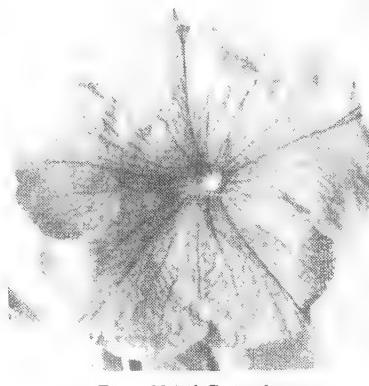
**1692 SHIRLEY (Silk or Ghost).** 1 ft. Beautiful satiny flowers, 4 inches across, with fluted, crinkled petals. Colors contain delicate shades of rose, apricot, salmon-pink and crimson with occasional blues. Foliage is hairy and finely cut.....**1/2 oz. 40c; pkt. 10c**

**1695 DOUBLE SHIRLEY POPPY.** "Sweet Briar." Deep rose-pink flowers, full and double. Resembles a large double Begonia.....**Pkt. 10c**

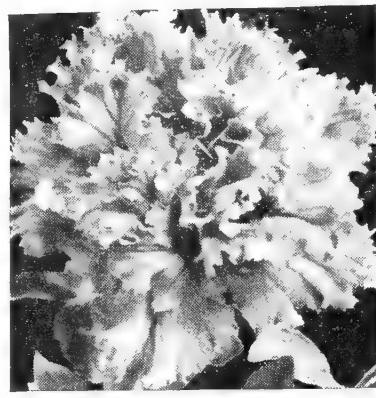
# PETUNIAS—Colorful Blooms all Summer



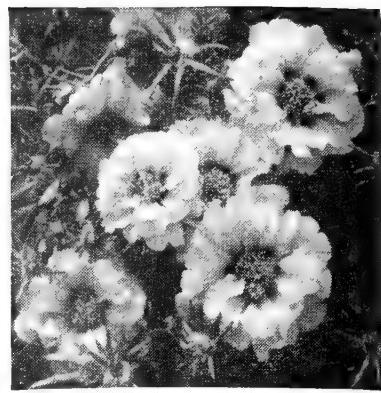
Radiance



Fire Chief Petunia



Colossal Shades of Rose



Double Portulaca

## Bedding Petunias

Dense bushy little plants, 12-18 inches high, literally covered with flowers all summer until killed by frost. Indispensable for borders, pots, rock gardens and bedding.

**1640 ADMIRAL.** Excels all other dwarf blue Petunias in its clear dark blue coloring and uniform habit of growth. Blooms profusely.....**Pkt. 25c**

**1642 RADIANCE.** Brilliant cerise-rose with a salmon undertone to remove all harshness. Blooms are 2½ inches across with a golden throat. **Pkt. 20c**



Pink Sensation

**1645 PINK SENSATION (New).** Multi-flora hybrid. All-American Bronze Medal Winner, possesses extreme vigor and is a profuse bloomer. Blooms are a lovely shade of rose-pink, 3 to 3½ in.; plants 2 ft. tall, 3 to 4 ft. across.....**100 seeds 60c**

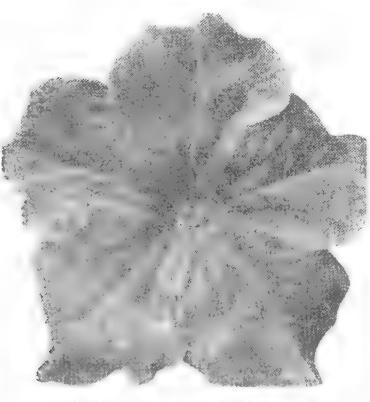
**1646 ENGLISH VIOLET.** An All-America Selection. It has the same beautiful color as English Violets. Flowers hold this uniform color from the time they open until the last bloom....**Pkt. 20c**

**1649 TOPAZ QUEEN.** Brilliant, deep rose-pink. Does not fade in the brightest sun. Extra dwarf, with large flowers .....**Pkt. 20c**

**1652 KING HENRY.** Color a velvety blood-red. Plants of compact, globular habit, with giant single blooms on short stems.....**Pkt. 25c**

**1654 ELK'S PRIDE.** A Giant Single Petunia of exceptional beauty. The color is a deep, velvety purple. Plants are dwarf, compact and vigorous. ....**Pkt. 25c**

**1651 FINEST MIXED BEDDING PETUNIAS.** All colors. **1/8 oz. 60c. pkt. 10c**



Bedding Petunia—Elks Pride

## Dwarf Compact Petunias

Plants are dwarf and compact, 10-12 in. high and form mound-like plants. Perfect for borders and pots.

**1661 GLOWING ROSE.** Compact, dwarf plants bloom early with large glowing rose flowers. New, brilliant and startling!.....**Pkt. 25c**

**SOIL-SOAKER**  
Like all-night rain, the water **18 ft.** seeps through the pores of the treated, mildew-resistant, self-cleaning canvas hose—no spray, no wash, no waste, no wetting leaves of plants. **\$2.25**  
**30 ft.** **\$3.50**  
Attach to garden hose. **ppd.**

Portulacas thrive in a dry, sunny position where most other flowering plants would die of drought. They are but 4 inches high, of spreading habit and form a dense thick carpet. The glossy cup-shaped single blossoms and rose-like double flowers cover the plants and make a brilliant display all summer.

**1712 SINGLE MIXED** .....**1/8 oz. 50c; pkt. 10c**

**1713 DOUBLE MIXED** .....**1/8 oz. 75c; pkt. 15c**

## PYRETHRUM

Painted Daisy (Perennial)

Large daisy-like flowers on stiff, 2-foot stems. Come into bloom in June and continue through July. Prized for cutting because of their fine keeping qualities.

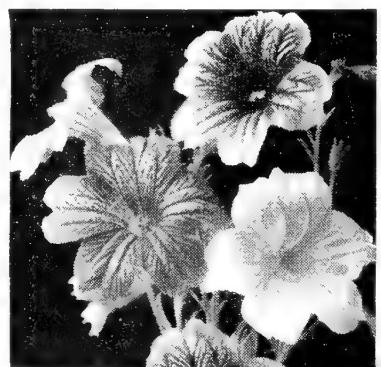
**1726 JAMES KELWAY.** Rich, velvety blood-red.....**Pkt. 20c**

**1727 ROBINSON'S HYBRIDS.** Includes a fine color range.....**Pkt. 20c**

## RICINUS

Castor Bean (Annual)

**1730 RED SPIRE.** 6-8 ft. Foliage plants of luxuriant and rapid growth, valuable for backgrounds and screens, producing a rich tropical effect. The leaves are of enormous size, deeply lobed and conspicuously veined, dark green and bronze in color.....  
**Oz. 50c; pkt. 10c**

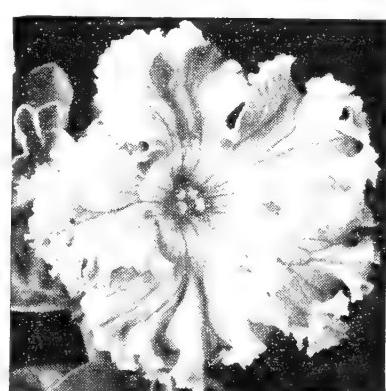


Martha Washington Petunia

**1650 MARTHA WASHINGTON.** Bushy little plants only 9 in. high. Large ruffled trumpets of blushing pink veined wine-red, and deepening to violet in center of flower. For window boxes, pots and bedding.....

.....**Each pkt. 35c, 2 for 60c**

**1653 SETTING SUN.** A Giant Single Flowering Fringed Petunia. Forms compact bushes, 12 inches high, covered with fringed blossoms of bright rose-pink, measuring 3 inches across. ....**Pkt. 25c**



Theodosia Petunia

**1655 THEODOSSIA.** A Giant Single Fringed Petunia of soft rose pink, with wide golden throat, delicately veined. Gracefully fringed and ruffled .....**Pkt. 25c**

Height 2-2½ ft. Beautiful velvety petunia-like flowers, greatly prized for cutting. They range in color from various shades of purple and blue through red and yellow to creamy white, delicately veined and penciled with gold. Bloom from July to frost. ....**Pkt. 10c; 3 pkts. for 25c**

## POCKET BOOK

of Flower Gardening

By Montague Free

Detailed instructions on growing and care of Annual and Perennial Flowers, Flowering Bulbs, Rose Gardens, Water Gardens, Rock Gardens, House Plants.

484 Pages 98 Illustrations **35c ppd.**



Salvia

**SALVIA**

Scarlet Sage (Annual)

Handsome summer and autumn-flowering annual with brilliant flowers; very effective for massing, bedding and cutting. Useful also for window box and pot plants.

**1745 SPLENDENS.** 2-3 ft. Plants are much branched with large spikes of bright scarlet flowers produced in profusion during the summer and fall..... $\frac{1}{8}$  oz. 60c; Pkt. 15c

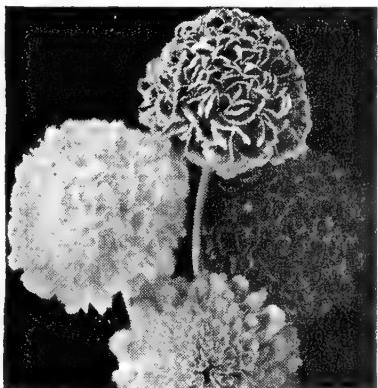
**1746 FIREBRAND (Harbinger).** 15 in. A true dwarf, large-flowering Salvia. The symmetrical plants are completely covered with long sprays of large brilliant scarlet flowers.....Pkt. 25c

**1747 AMERICAN or GLOBE OF FIRE.** Freest and most continuous bloomer. Round, bushy plants of uniform growth, 1½ ft. tall, are covered with large spikes of flaming scarlet flowers.....Pkt. 20c

**SANVITALIA**

6 in. (Creeping Miniature Zinnia)

**1748 PROCUMBENS.** Like tiny zinnias, golden with purple centers, single and double. Plants creep over the soil. June to frost..... $\frac{1}{8}$  oz. 25c, pkt. 10c



Scabiosa—Double Giant Hybrids

**SCABIOSAS**

Pin-cushion Flower (Annual)

The new improved Scabiosas have large, cone-shaped flowers of great depth. Borne on long, graceful stems, they are exceedingly fine for cutting.

**1752 IMPERIAL GIANTS BLUE MOON.** Lavender-blue flowers with broad, frilly petals.....Pkt. 15c

**1753 BLACK KNIGHT.** Outstanding new double brilliant dark red of unusually large size and vigorous growth.....Pkt. 25c

**1754 FIRE KING.** Best of the reds, attractive new bright red.....Pkt. 15c

**1757 GIANT HYBRIDS MIXED.** Colors include shades of red, rose and blue..... $\frac{1}{4}$  oz. 60c; pkt. 15c

**Perennial Scabiosa**

Blue Bonnet (Caucasica)

**1758 GIANT HYBRIDS.** Height 18-24 in. Graceful flowers in delicate shades of blue and lavender, with fringed and ruffled petals. Plants require rich well-drained soil and prefer full sun.....Pkt. 20c

**Scarlet Runner BEAN**

(Annual Climber)

**1760** Grows 12 to 15 ft. high, with brilliant scarlet flowers followed by green shell beans excellent for table use.....Lb. 45c;  $\frac{1}{2}$  lb. 25c; pkt. 10c



Snapdragon

**SNAPDRAGONS**

Rust-Resistant

Antirrhinum (Annual)

**1765 CALIFORNIA GIANT MIXED.** Developed by scientists of the University of California, this strain is resistant to rust. The seeds germinate better, the plants are more vigorous, the foliage clean, the flowers large and the colors exceptionally clear and beautiful. Height 2½ ft.....Pkt. 20c

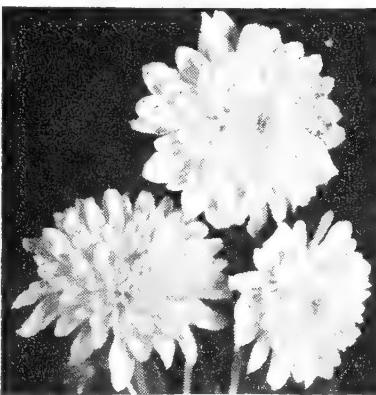
**1766 GIANT MIXED SNAPDRAGONS.** Height 30 in..... $\frac{1}{8}$  oz. 50c; pkt. 10c

**1767 HALF DWARF SNAPDRAGONS.** Height 18 in..... $\frac{1}{8}$  oz. 50c; pkt. 10c

**SCHIZANTHUS**

Butterfly Flower or Poor-man's Orchid (Annual)

**1764 GIANT-FLOWERING HYBRIDS MIXED.** 18 in. Exquisite, butterfly-like blossoms in many of the delicate colors and shadings found in orchids. A group of these plants is delightful in the garden, and makes a mass of wonderful coloring.....Pkt. 15c



Sunflower—Sun Gold

**SUNFLOWER**

Helianthus (Annual)

Grow them as a background for the vegetable garden. The new dwarf varieties make excellent cut flowers. Thin plants to 1½ ft. apart.

**1830 EXCELSIOR HYBRIDS,** 5 ft. Zoned bronze and red shades.....Pkt. 10c

**1831 SUN GOLD.** 4 ft. Brilliant golden yellow flowers, fully double..Pkt. 15c

**1832 MAMMOTH RUSSIAN.** 8-10 ft. Huge flat flower heads grown for the seeds which are fed to parrots, poultry and birds. Planted in the poultry yard the plants furnish shade, and when planted in the vegetable garden the stalks will serve as poles for climbing pole beans.....Oz. 10c

**1833 IMPERIAL GIANT.** 10 ft. Large, flat flower heads, 12 inches across, covered with large broad-petaled flowers of bright salmon-pink with a small white eye. Make attractive bouquets.....Pkt. 15c

**1834 GIANT HYBRID.** 10 ft. Large, flat flower heads, 12 inches across, covered with large broad-petaled flowers of bright salmon-pink with a small white eye. Make attractive bouquets.....Pkt. 15c

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**1910 GIANT HYBRID.** 10 ft. Large, flat flower heads, 12 inches across, covered with large broad-petaled flowers of bright salmon-pink with a small white eye. Make attractive bouquets.....Pkt. 15c

**1911 GIANT HYBRID.** 10 ft. Large, flat flower heads, 12 inches across, covered with large broad-petaled flowers of bright salmon-pink with a small white eye. Make attractive bouquets.....Pkt. 15c

**1912 GIANT HYBRID.** 10 ft. Large, flat flower heads, 12 inches across, covered with large broad-petaled flowers

# Sensational NEW ZINNIAS

**CULTURE**—A sunny location, plenty of moisture and ample space for proper development are the simple requirements of the Zinnia. Failure to grow perfect flowers is usually due to overcrowding. Tall varieties should be thinned to stand 2 feet apart, and smaller sorts 12 to 14 inches apart. Plants properly spaced produce flowers that are large and true to type. Applications of liquid manure will improve the size of the blooms as Zinnias are heavy feeders and soon exhaust the soil.

## Giant Dahlia-Flowered Zinnias—3 ft.

Huge, double flowers, often measuring 4 inches in depth and from 4-5 inches across. The petals are broad, and closely imbricated resembling the show type of Dahlia. Flowers in 60 days.

1931 WILL ROGERS. Brilliant scarlet.

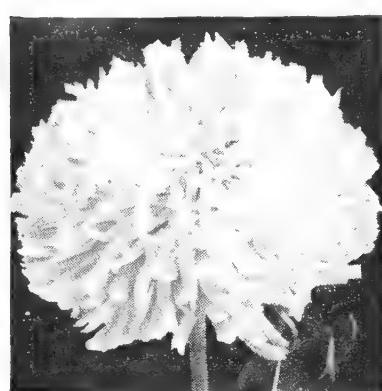
1932 GOLDEN DAWN. Golden yellow.

1933 ILLUMINATION. Deep rose.

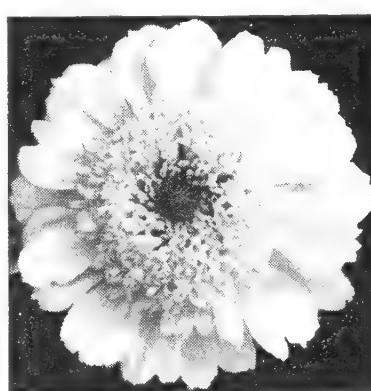
1934 CRIMSON MONARCH. Rich crimson.

Any of above, pkt. 15c, 4 pkts. for 50c

1940 GIANT DAHLIA FLOWERED MIXED.....1/4 oz. 60c, pkt. 15c



David Burpee



Giant Crested

## Giants of a New Race

1945 DAVID BURPEE. 4 ft. Giant flowers with attractively curled and quilled chrysanthemum-like petals. The color range is unusual, and includes cream, buff, rose, apricot, burnt orange, and some two-toned.....Pkt. 15c

## DWARF ZINNIAS for



Mexican Zinnias

### Mexican Zinnia (DOUBLE HAAGEANA) MEXICAN HYBRID

This dainty little Zinnia should be in every garden. Arranged in low bowls for table decoration it makes the daintiest and most attractive bouquets imaginable. Also a splendid rock garden and border plant.

1979 MIXED COLORS. Flowers are double and semi-double, 1 1/2 inches across, and come in a most unusual color range—rose-tipped yellow, maroon-tipped cream, yellow-tipped red. Plants now 10 to 15 inches high.

Pkt. 10c; 3 pkts. for 25c.

## BORDERS & BEDDING

### Pompon or Baby Zinnias

(Lilliput.) Height 1 1/2 ft.

The plants form handsome little bushes, literally covered with tiny, very double flowers. They bloom all summer.

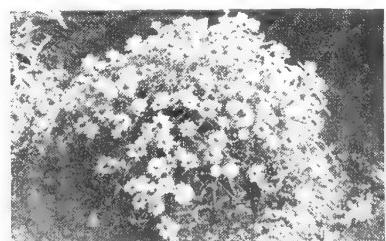
1972 DAINTY GEM. A delicate shade of flesh-pink, with center a bright rose-pink. Exceptionally good for cutting.....Pkt. 15c

1973 BLACK RUBY. Rich maroon.....Pkt. 10c

1975 FINEST MIXED COLORS Pkt. 10c

1976 RED RIDING HOOD. 15 in. Bushy little plants, covered with miniature double flowers of deep scarlet.....1/8 oz. 30c, pkt. 10c

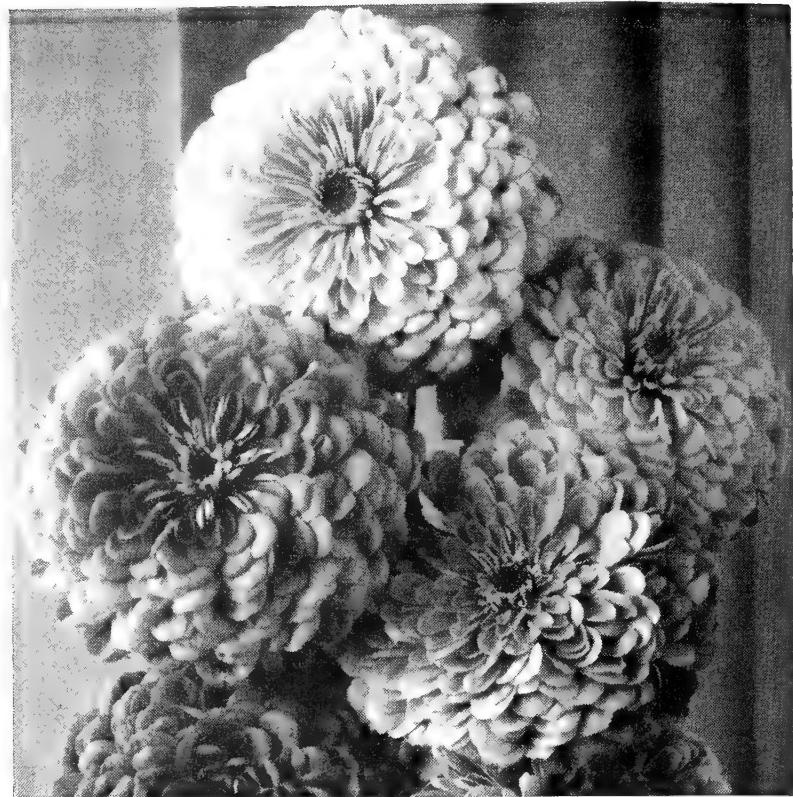
1987 TOM THUMB. 2 ft. Splendid mixture of colors. The tiny double flowers cover the compact plants all summer. Mixed colors.....Pkt. 15c



Zinnia Linearis

### Zinnia Linearis

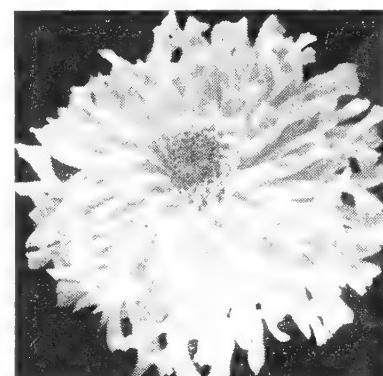
1971 LINEARIS. 10 in. Deep golden-orange, single flowers with a narrow light yellow stripe through the center of each petal. Early flowering.....Pkt. 15c



Giant Dahlia Flowered Zinnias

## Luther Burbank 3-4 ft.

1955. LUTHER BURBANK. A new type with giant flowers 5 inches across and 2 to 3 inches deep. Individual petals turn under at the end, giving the flowers an unusual effect. The colors range from primrose through yellow, salmon and pink to bright rose, with some two and three-color combinations in individual blooms.....Pkt. 20c



Fantasy Zinnia

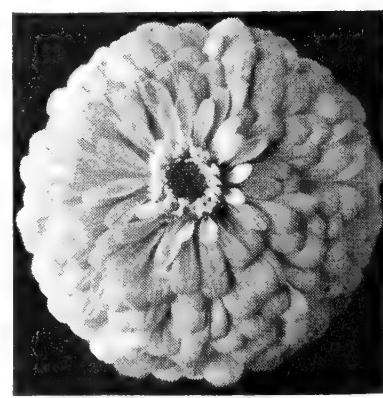
### Fantasy A Cactus Petaled Zinnia

1970. FANTASY. 2 1/2-3 ft. The strikingly attractive, shaggy-petaled flowers resemble cactus dahlias. The color range includes the brightest shades of red, yellow and orange, as well as pastel pinks and cream.....Pkt. 15c

<b>GIANT Zinnia Collection</b>	<b>50¢</b>
One Packet Each	
Dahlia Flowered Mixed	
Will Rogers	
California Giant Mixed	
David Burpee	
DWARF Zinnia Collection	
One Packet Each	
Zinnia Mexicana	
Red Riding Hood	
Zinnia Linearis	
Tom Thumb	
45¢	



Luther Burbank



California Giant Zinnias

## California Giants—3-4 ft.

Very large double flowers, averaging 5-6 inches in diameter. Somewhat flat in form, the flowers have a most graceful appearance and are splendid for cutting. Bloom in 60 days.

1960 GRENADIER. Extra fine dark red.

1961 MISS WILLMOTT. Soft, rich pink.

1962 PURITY. Best clear white.

1963 ROSE QUEEN. Rose with deep rose center.

1964 LEMON QUEEN. Petals canary yellow on upper and cerise on lower side. Fragrant.

Any of above, pkt. 15c, 4 pkts. for 50c

1965 CALIFORNIA GIANT MIXED.....1/4 oz. 60c, pkt. 15c

**All Flower Seeds are  
Sent Postpaid in U. S. A.**

# HARDY GRASSES and How To Sow Them



Brome Grass makes a good hay crop or pasture. Valuable on hillsides, ditches or banks to prevent soil washing.

## Northern Brome Grass A Heavy Yielder of Palatable Feeds Even in Drought Years!

Most profitable as a hardy hay and pasture grass and in combination with other grasses. Also called Smooth Brome Grass.

This vigorous, hardy perennial with strong, creeping roots, makes excellent hay and pasture on poor, dry soil or on moist, low ground that is flooded at times. Valuable on hillsides and terraces to keep soil from washing away. It starts early, two or three weeks before other grasses, remains green until November, and stands close cropping.

It grows two to three feet high, yielding two to four tons of palatable hay per acre. Cut for hay when in full bloom. Also a profitable seed crop.

Seeding with a grain drill is best as seed should be covered. Sow 18 to 20 lbs. per acre in rows six inches apart and  $\frac{1}{2}$  to 1 inch deep. To sow 18 lbs. per acre, set drill at "12" (in pecks of wheat), and for 20 lbs., at "12 $\frac{1}{2}$ ". Extra help is needed to keep seed moving freely through the drill. Price: 5 lbs. \$3.85, postpaid. For larger quantities see Blue Figure Price List.

## Lincoln Brome Grass A Stronger Grower that Yields a Half Ton More Forage per Acre!

A larger, more aggressive, high yielding type which forms a good sod. Because of its size and potential yield, it requires a readily available supply of nitrogen, a limiting factor after several years of growth, and on soils of low fertility. It tolerates drought and heat, has strong seedling vigor, and is easier to establish on critical planting sites than ordinary brome. Seed yields of 500 pounds or more per acre were reported from good soils, and yields of 300 pounds or more, are average.

Central and southern Minnesota tests show Lincoln is easier to establish, has greater persistence, and will produce about 1,000 pounds more forage per acre than Canadian seed of Northern origin. Recommended by Minn. Experiment Station. Seed supply limited—order early! Price: 5 lbs. \$3.85, postpaid. See Blue Figure Price List.

## TIMOTHY

A hardy perennial resistant to both cold and drought—it is best adapted for sowing with Clovers which supply nitrogen to the soil and increase the vigor of the Timothy. It may also be sown with grains as a nurse crop. The soil must be well pulverized and the seed slightly covered. Do not cut too early or pasture too late in the fall after the hay is cut. Timothy produces 1 $\frac{1}{2}$  to 3 tons of hay per acre and should be cut at flowering time. Sow 15 to 20 pounds per acre alone; with Clover, 10 to 12 pounds per acre. See Blue Figure Price List.

## REED CANARY GRASS

4 to 6 Tons of Hay Per Acre from Your Swamp Land!

The hay (of high feeding value) is relished by all livestock. One acre will pasture three to four dairy cows from early spring until fall. Close grazing is best, except in fall. For hay, cut when heads first appear. Then feeding value is highest.

This hardy perennial grass will thrive until broken up, and can be easily controlled by plowing. Seedlings and plants are cold resistant. Heads appear early in June and ripen four weeks later. Plants grow four to six feet high with broad, light green leaves. Underground stems rapidly form a tough sod that holds up hay-making machinery.

### How To Grow the Crop

Prepare a good seed bed. Fall plowing allows early spring seeding. The seed will germinate in water, but if covered by soil underneath the water, it will not grow until the water is drained off.

Broadcast 6 to 7 lbs. per acre; drilled, 2 to 3 lbs. per acre in 16 to 18-inch rows. Use a packer on peat after seeding.

Sow early in spring so seedlings become established before weeds start. On weedy land, seed late in June or early July, discing up to this time, to kill weeds. If difficult to get on land in spring, seed in August or October. See Blue Figure Price List.

**5 Lbs. Reed Canary Grass for \$6.65, Postpaid**



After Harvesting Reed Canary Seed, a Hay Crop Can Be Cut Immediately.

## Kentucky Blue Grass

This famous grass does well almost everywhere on soil that is fairly rich, moist and moderately well drained. Blue Grass is the best of all grasses for lawns. Price: 5 lbs. \$4.25, postpaid. See Blue Figure Price List.

## RED TOP

A hardy perennial grass found almost everywhere, but predominating on low, marshy ground, where it forms luxuriant growth. It grows 2 to 5 feet high, depending on soil and climatic conditions, with creeping roots, which enable it to grow on very wet and even very dry soil where other grasses grow but sparsely. It makes good pasture, and fair hay, if cut early, but the matured plants are wiry and coarse. Grows best with other grasses and clover. Price: 5 lbs. \$4.25, postpaid. For quantities see Blue Figure Price List.

## HOW PASTURES PRODUCE THRUOUT SEASON

MIXTURE or SINGLE CROP	May	June	July	Aug.	Sept.	Oct.
PERMANENT PASTURE: Ky. Bluegrass, White Clover						
CLOVER - GRASS MIXTURES Formulas "A" & "E"						
BROME - ALFALFA MIXTURE Formula "D"						
REED CANARY GRASS on low land						
SUDAN GRASS						
ALFALFA - second growth						
TIMOTHY & ALSIKE MIXTURES						

## PASTURE MIXTURES

Recommended By Minn. Exp. Station

### FORMULA "A" Clover-Grass Mixture

A Good Producer on Heavy Soils

A profitable long rotation mixture suited for hay first year or two, then for pasture. After second year Bluegrass and White Clover predominate. Well adapted to heavy, productive soils. Does well in Southeastern, east central, and northeastern sections of Minnesota and similar regions. Sow 14 lbs. per acre.

Approximate contents:  
Med. Red Clover.....24% Timothy .....37%  
Alsike Clover.....22% Ky. Bluegrass.....5%  
White Clover.....6% Ladino Clover.....6%

See Blue Figure Price List.

### FORMULA "D"

## Brome-Alfalfa Mixture

Does Well on Sandy Type Soils

A very outstanding long rotation mixture, well suited to productive sandy soils. May be used for hay first year, and then for pasture. After first year Alfalfa and Brome will predominate. Well suited to southwestern, west central, central and southeastern Minnesota and similar regions. Only a half acre to one acre will easily support one cow or six to seven sheep. Soils showing an acid reaction should be limed before seeding. Sow 15 lb. per acre.

Approximate contents:  
Alfalfa .....43% Timothy .....14%  
Brome Grass .....43%

See Blue Figure Price List.

### FORMULA "E"

## Clover-Timothy Mixture

Economical Short Rotation Mixture

An excellent short rotation combination, inexpensive, well suited for hay or pasture. Adapted to southeastern, east central, and northeastern Minnesota and similar regions. Three-fourths to one and one-fourth acres will carry one cow or six to seven sheep, and one acre will carry twenty to twenty-five pigs. Sow 12 lbs. per acre.

Approximate contents:  
Medium Red Clover.....33%  
Alsike .....17% Timothy .....50%

See Blue Figure Price List.

## Timothy Alsike Mixture

Permanent, Productive, Profitable

A popular, inexpensive, short rotation mixture that performs well on either low acid soils, or on sandy soils. This mixture produces better than either crop seeded alone. Well adapted in most all sections. Sow 12 lbs. per acre.

Offered in two grades

Rich grade contains 30-35% Alsike. Standard grade contains 20-25% Alsike.

See Blue Figure Price List.



Look for this tag  
on every bag—it's  
your protection

We emphasize the importance of knowing where your Alfalfa and other Grass Seeds were grown. Cheaper, unadapted seeds should be avoided because they are more expensive in the long run, and not sufficiently hardy to withstand our northern winters.

Alfalfa Seed obtained from growers or shippers should be identified by the verified origin tags—this is your protection against mixtures, blends and unadapted seed.

As Verified Origin Seedsmen, any Alfalfas that we send you will be sealed and tagged, either with U. S. Verified Origin Certificates, or with certificate seal from the state in which it is grown.

## **VARIEGATED ALFALFA**

### **From Unregistered Northern Fields**

Equal to Registered strains for hardness and hay production, and offered at a great saving in price.

Variegated Alfalfa is of a well known type with blossoms having a color range of white, yellow and purple. It is highly recommended but no definite records have been kept, and the fields therefore cannot qualify for registration. It has shown itself to be completely hardy in the most severe climates of Minnesota, Dakotas and Montana, and can be recommended as being very desirable for seeding in any part of the northern United States, where winter hardness is essential. See Blue Figure List.

## **CANADIAN VARIEGATED**

Canadian grown alfalfa seed is recognized for its winter hardiness, high yield and general adaptability. It is easily recognized by the 1% of violet stained seed. This staining is definite proof of its origin, so it does not carry Verified Origin Tags. Farmers who have used this seed in past years insist on Canadian Seed whenever it is available. This is true even when the price of Canadian Seed happens to be higher than local grown seed. A limited amount of this Canadian Variegated Alfalfa Seed is available this year. See Blue Figure Price List.

## **DAKOTA NO. 12**

### **Idaho or Montana Grown**

This is the most commonly grown variety in Minnesota, Dakotas, and Montana. It has given the best of results on all types of soil and under all climatic conditions. Our seed stocks come from fields that have been in alfalfa many years and the plants which endure the extremes of hot summers, severe winters and dry, high altitudes are thoroughly hardy. The performance of this variety has made it extremely popular in the Midwest and East. See Blue Figure Price List.

## **About Hard Seeds**

Hard seeds are live seeds which are slow to absorb moisture and do not sprout within five or six days in a laboratory. There is not much delay in germination of hard alfalfa seeds. After sowing they are some determinate in two weeks—others in four, six, or more weeks. Usually all will sprout long before growing season ends. Up to 50% of seeds may be hard without reducing final stand of spring or early summer sown alfalfa, provided over 12 lbs. per acre are seeded. In fact, if properly seeded (not too deep), moderate delays in germination may thicken the stand by the end of the season, especially if losses occurred earlier from frost, drought, insects, or other hazards. Thus hard alfalfa seeds have an insurance value, and should not be scarified.

# **HARDY NORTHERN GROWN Alfalfa Seed**

## **LADAK ALFALFA**

### **Wilt and Drought Resistant**

Introduced from the mountain regions of northern India by U. S. D. A. Showed no winterkilling for ten years at Havre, Montana. Ladak proved so outstanding that other varieties of alfalfa could not compete with it for winter hardiness.

Ladak is quite resistant to the wilt disease which has been causing such great losses in the hay-producing sections. It produces a larger first cutting than any other alfalfa and this means a larger tonnage per acre under all conditions.

It is particularly well adapted to regions where only one or two crops are produced each year because of short growing seasons or where hot, dry summers prevail. Ladak continues to grow and produces a good crop of hay when other varieties are practically at a standstill. The hay is very leafy and of high feeding value and is of exceptionally high quality.

Ladak has a large branching root system similar to that of Grimm or Cossack. Seed supply very limited.

See Blue Figure Price List.

## **GRIMM ALFALFA**

Originated in Carver County, Minnesota. A very hardy, time-tried variety, tested thoroughly throughout the U. S. and Canada. It has many lateral or branching roots which are not found in common alfalfas, and has large spreading crowns. It appears to grow better where there is a hardpan subsoil, than many other varieties. The root system undoubtedly plays a big part in its hardiness, enabling it to withstand soil heaving, freezing and thawing better than varieties having only a single taproot. The blossoms are variegated from white and yellow to deep purple.

Grimm Alfalfa produced in Minnesota, the Dakotas, Montana and Idaho, is known to be very hardy. Montana Grimm is grown in the dryland areas and is able to withstand severe drought as well as cold. See Blue Figure Price List.

## **RANGER ALFALFA**

### **Wilt & Disease Resistant**

Here's the new synthetic variety you have read about. Developed by U. S. D. A. and Nebraska's Experiment Station. The result of compositing five strains from Cossack, Turkestan and Ladak parentage. Ranger has high resistance to bacterial wilt and other diseases. It is winter hardy, and has variegated blossoms, with some yellow flowers. In seed production, Ranger equals Grimm, Cossack and Baltic, and surpasses Turkestan. Ranger is well adapted in northern states, particularly where bacterial wilt reduces stand. Grimm, Ladak or Cossack will yield about as much hay as Ranger where wilt is not troublesome, but Ranger will outyield these varieties wherever wilt becomes a factor. Bacterial wilt is becoming more serious every year in many northern states. Recommended by Minnesota and all other northern Experiment Stations. See Blue Figure Price List.

**IT'S FREE!** Approximately 70,000,000 pounds of air-nitrogen above every acre of legumes! This is available free, for improving your soil and crop, if you will convert legume seeds into fertilizer plants by inoculating seed with Nitragin. (See page 67.)

## **COSSACK ALFALFA**

Cossack Alfalfa was brought over from Siberia by Prof. Hansen of the South Dakota Experiment Station some years ago. This strain, under observance for five years in Russia, during which time not a single plant winterkilled, was proven to be absolutely hardy.

In recent years, the demand for Cossack has been increasing and there never has been sufficient seed to take care of all requirements.

Cossack Alfalfa produces a somewhat finer hay than many of the other varieties and is equally as hardy as Grimm.

Cossack Alfalfa seems to withstand intense cold, heat and drought equally well. The flowers, like those of Grimm, have a great range of colors, white, purple, yellow, striped, etc. We advise sowing 15 lbs. per acre. See Blue Figure Price List.



# Northern Grown Clover Seed

There is much complaint of worn-out soils, weeds and unprofitable crops, from those who once secured bountiful yields when the land was new. Those who have used Clover regularly in the cropping system, have no such complaints. Clovers have beneficial action on the soil and may be seeded with practically all kinds of grains. Clovers also serve as outstanding hay and pasture crops. Clovers have a heavy root system that adds nitrogen to the soil and leaves vegetable matter and fertility when it dies or when plowed under. Clover should be cut for hay as soon as the first blossoms begin to turn brown. This will result in the greatest yield of palatable hay.



## REPORT of OHIO STATE UNIVERSITY

The best way to get 25 bushels MORE corn per acre, is to seed clover two years in advance. They state most farmers average 50 bushels of corn per acre with no clover sod, but on similar soil that had good clover sod the preceding year, farmers average 75 bushels corn per acre!



Your Money Can Buy No Finer Seed Than Master Farmer Red Clover.

## MAMMOTH RED CLOVER

Extremely hardy, and valuable for fertilizing poor soil which is too low and heavy for growing Red Clover. It makes the best permanent hog pastures, seldom freezing out, and produces a large crop of hay, as much as 3 to 5 tons to the acre. Sow 5 to 6 lbs. per acre, with small grain, for plowing under. For a hay crop, sow 8 to 12 lbs. per acre. Grows on acid soil where Medium Red and Alfalfa fail. Yields again as much as Medium Red Clover, though the hay is rather coarse.

See Blue Figure Price List for Quotations on All Farm Seeds.

## WHITE CLOVER

Best for lawns and pastures. White Clover is sown mostly in mixture with other grasses, especially with Blue Grass, for lawns, golf grounds, also for pastures for sheep and cattle. It thrives best in moist soil containing lime and considerable humus, but is also grown on sandy soil which is not too loose and dry. For lawns sow 5 to 6 lbs. mixed with grass seeds, to the acre.

Price:  $\frac{1}{2}$  lb. 80c, lb. \$1.50, 5 lbs. \$7.00, prepaid. See Blue Figure Price List.

## New Disease-Resistant MIDLAND RED CLOVER

Here's the remarkable new red clover that averaged 2½ tons of hay per acre. Ordinary red clover averages 1½ tons per acre. New Midland is well adapted to the winter conditions of the Medium Red Clover Belt—it has proved itself perfectly hardy in the North. Midland has high resistance to Northern Anthracnose and crown rot. These diseases are reducing yields in many sections. Midland has excellent growth characteristics and was accepted for registration by the American Society of Agronomy.

Midland is the result of 13 years of breeding, testing, and increasing by the Cooperative efforts of Experiment Stations in Montana, Idaho, Colorado, Washington, Oregon, Utah, Iowa, Illinois, Indiana, and Ohio, and U.S.D.A. It was developed as a composite of four old strains from the Mid-West. See Blue Figure Price List.

## MEDIUM RED CLOVER

Medium Red Clover fits better into crop rotations than any other legume. It will increase the yield of succeeding crops, besides furnishing many tons of hay of high protein content. The first crop is usually cut for hay, before it comes into full bloom. The second crop may be cut for hay or seed or turned under, to fertilize the soil.

Red Clover is a biennial which means that it will grow for two seasons only and then must be reseeded. It is adapted to any well drained soil free from acidity and is better for general northwest conditions than any other clover. It furnishes luxuriant pasture and hay for cattle but is not quite so good for horses.

Sow Red Clover at the rate of 10 lbs. per acre with small grain or flax. Use about one-half or two-thirds of a normal seeding of grain or flax so as not to smother the clover. We use a clover seed attachment to the grain drill sowing the seed ahead of the drills and cover it lightly with a harrow. See Blue Figure Price List.

## ALSIKE CLOVER

Alsike Clover has the same soil-building properties as Red Clover, storing nitrogen in the soil, thereby increasing the yields of succeeding grain and corn crops from 25 to 50%. It is a true hardy perennial, with fiber instead of tap roots, and is not injured by thawing and freezing.

Alsike can be sown on soil that is slightly acid or sour, where lime cannot be applied, and where other clover or alfalfa will not grow. It can be sown on heavy, wet, or low soil that sometimes becomes waterlogged, and also endures drought well.

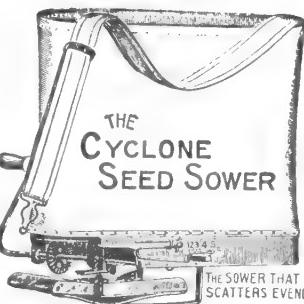
It makes better hay than Red Clover, because of its fine smooth leafy foliage. Its feeding value is nearly equal to that of alfalfa. It makes fine pasture, as it is extremely hardy.

The seed of Alsike is very fine, therefore, only 7 or 8 pounds per acre are required. As a seed crop, it is often more profitable than Red Clover. It is cut for seed when two-thirds of the heads are ripe.

Alsike Clover has its place in the crop rotation the same as Red Clover and for best results is usually reseeded at the end of two years' growth. See Blue Figure List.

## Hand Seeder

This simple, light, strong, hand seeder sows timothy, clover, millet, and grass seeds, as well as flax, wheat, rye, oats, buckwheat, turnips, and fertilizers perfectly even, in any quantity, from one quart to three bushels per acre. Canvas bag holds 4 one-half bushel seed. Shipping weight, 4 pounds. Price \$3.95, postpaid.



## NEW LADINO CLOVER

You've read in farm magazines about the wonderful results obtained from this outstanding new pasture and hay crop. Ladino Clover is a giant form of White Clover that grows faster, and spreads by producing fleshy, creeping stems. Short tap roots develop beneath the crowns, and numerous fibrous roots grow at the joints of the creeping stems. Plants normally grow 10 to 14 inches tall, and occasionally 15 to 20 inches under favorable conditions.

Ladino is a perennial legume that thrives under some conditions where Alfalfa fails and even where Red Clover is not at its best. It appears suitable for low, level, moist, fertile fields on which Alfalfa is at a disadvantage. It competes well with and stimulates the growth of such grasses as Brome, Timothy and Orchard Grass. However it can be used successfully in mixtures containing Alfalfa and Red Clover. University of Wisconsin tests show that livestock like Ladino even better than Brome Grass.

Chemical analysis shows that Ladino, on a dry matter basis, not only beats all the common forages in protein content, but is better than many protein concentrates. Even when nearly mature, and 10 to 15 inches tall, Ladino contains about 23% protein. Ordinary Alfalfa at this stage of maturity, will have only 15% protein. The danger of bloat from pastures is reduced when the Timothy or Brome Grass is grown with Ladino. It also aids in curing a hay crop. Ladino should be planted shallow, in a firm, well prepared seed bed—just as early in the spring as possible. While it's an excellent source of high quality protein hay and silage, its greatest value undoubtedly is as pasture, when used in combination with grasses and other legumes.

Best results are obtained when Ladino Clover is permitted to make a good growth, and then is grazed down to a height of 4 to 5 inches. Since seed of Ladino Clover cannot be distinguished from Common White Clover, insist on Certified Seed to insure the true variety. See Blue Figure Price List.

## BIRDSFOOT TREFOIL

A relatively new, deep-rooted legume that is more widely adapted to all sorts of growing conditions, than any other legume available. It is well established in New York and Oregon, and it is becoming more and more popular in the Middle West. It grows well on poor soil, or rich soil—it grows on wet soil, or dry gravelly hills. It responds to fertilizer by increased yields and feeding value.

The plants are perennial, have a deep, wide branching root system, grow 12 to 30 inches tall, with very fine stems, and stand a lot of trampling and close grazing. It's an ideal legume to use with grasses, for pasture, on lands that are poor in fertility. This broad-leaved variety is much superior to the narrow leaved sort, and responds to good farming practices. It's adapted to temperate climates, and does well in the northern half of the United States. It is seeded either in spring or early fall, in a well prepared seed bed, at the rate of 4 to 5 pounds per acre. Seed should be inoculated with Nitragin, the same as other legumes.

Extensive tests indicate that Birdsfoot Trefoil is the answer to the demand for a deep rooted, drought resistant, perennial legume that will stand heavy grazing. The feeding value is equal to other hay or pastures. Be sure to try this new legume for pasture this year. See Blue Figure Price List.

# SWEET CLOVER

## Enriches Your Land Makes Low Cost Hay

Sweet Clover cannot be surpassed for soil improvement due to its rapidity of growth, large tonnage produced and its comparatively low seed cost.

### Sweet Clover as a Hay or Pasture Crop

Sweet Clover is a leading crop in the United States. As a biennial legume, it fits in with any crop rotation, besides yielding a very large return of hay and pasture. Sweet Clover may grow one to three feet the first season and may be clipped for hay or pastured lightly if it makes a good growth. During the second year it grows very dense and rapidly and if cut for hay, it should be done early in the season, before the blossoms appear and the stems become woody.

Cut Sweet Clover six to eight inches above the ground. Allow the hay to wilt a few hours, then place in small cocks until it is dry enough to stack. One acre furnishes pasture for two to four cows throughout the season. Cattle rarely bloat on it.



### As a Soil Builder and Weed Control

Sweet Clover grows on clay, sandy, alkaline, or gumbo soil. It prevents drifting of shifting sandy soils. The hardpan subsoil is loosened by the heavy penetrating roots, allowing the necessary aeration and depositing large quantities of humus and nitrogen. Sweet Clover is a rank, dense grower of great value in exterminating weeds such as quack grass, thistle, etc.

Use 15 lbs. of scarified seed per acre with a nurse crop of one-half the usual seeding of grain or 28 to 35 lbs. of flax per acre. Firm the seed bed well after planting. Inoculate with Nitragin.

## CANADA YELLOW Field Peas

Field Peas are better suited to the Northwest than other annual legumes for building up worn out soils. They are usually grown with oats for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than alfalfa and corn.

When they are grown with oats, they are threshed together, and easily separated with a fanning mill after threshing, thereby getting two crops from one operation. Sow 2 bushels of oats to 1½ bushels of peas per acre. Drill the peas in 4 inches deep, as early as the ground can be worked. Then 2 or 3 weeks later, sow the oats, drilling it in the other way. If the oats are sown with the peas, they grow too rapidly, and check or smother the growth of the peas. Price: 5 lbs., \$1.35 postpaid. For larger quantities, see Price List.



Three to 4 tons of Sudan hay from one cutting.

## SUDAN GROWS QUICKLY

One of the best annual forage plants for almost any locality. Sudan Grass thrives best on rich loam, but has been successfully grown on almost every kind of soil, from heavy clay to light sand. Cold, wet soil is not suited to Sudan Grass. Sudan Grass is a sorghum, and an annual, without underground root sprouts. It grows 4 to 5 feet high in drilled seedings, and 5 to 8 feet in cultivated rows.

In favorable seasons, the growing period is long, and several cuttings can be obtained in one season. For hay it is ready to cut in 60 to 75 days, when it is in full head. It continues its growth, and in 40 to 45 days it is ready for another cutting.

Sudan Grass is an enormous yielder, producing 3 or 4 tons of hay at the first cutting. The second cutting is lighter, and the hay is much finer. Livestock of all kinds will eat the hay readily.

Because white and yellow blossom Sweet Clover Seed has become so mixed in seed production areas, it is impossible to offer straight White Blossom or pure Yellow Blossom Sweet Clover Seed and still meet requirements of the Federal Seed Act.

Therefore, all sweet clover will be sold merely as Biennial Sweet Clover. However, in ordering, if you will state your preference of either White or Yellow, we will do our best to select lots which will come as close to your preference as possible. In other words, if you prefer White Blossom, the seed will probably be from 50% to 75% White, and the balance Yellow Blossom. See Blue Figure Price List.

### Characteristics of Biennial Types

**Yellow Blossom:** A more prostrate, lower growing type, about two weeks earlier than white blossom and adapted to drier areas.

## Grow SUDAN GRASS

FOR QUICK  
Pasture or Hay

### SWEET SUDAN GRASS

Sweet Sudan is a new type of forage grass being offered as an improvement over common Sudan Grass. Sweet Sudan is the result of crossing common Sudan and Leoti Sorghum. It is sweeter, more resistant to disease, and higher yielding than common Sudan. The Sweet variety grows very much like ordinary Sudan, except that it stools more freely, grows taller, and the leaves are somewhat wider. In tests, Sweet Sudan has out-yielded ordinary Sudan, because it matures later, thereby producing more vegetative growth. Higher pasture yields are also obtained because cattle eat it down to the ground much closer. However, care must be used in pasturing, because once the crop is eaten down very close, it must be allowed to grow up 12 or 14 inches before being used again for pasture.

It is used the same as ordinary Sudan for pasture or for hay. However, because of its sweetness, it is more palatable, and livestock like it better—therefore eat more of it. Seeding rates and harvesting procedures are the same as for regular Sudan. If you need an emergency hay or pasture crop this year, by all means try some of this new Sweet Sudan Grass. See Blue Figure Price List.

### Plant Legumes with Sudan

Sudan Grass grown with legumes, such as soy beans, makes a well-balanced mixture for pasture, ensilage and hay. Sudan Grass grows stiffly erect, with stems strong enough to support the vines and makes harvesting easier, by keeping them off the ground. It hastens curing, by preventing the beans rotting.

Sudan Grass and soy beans, planted together, make a good hog pasture. Sow 25 to 30 lbs. Sudan Grass and the same quantity of soy beans to the acre, drilling in the seed with a grain drill. For quickest results, sow in rows 18 to 20 inches apart, and cultivate.

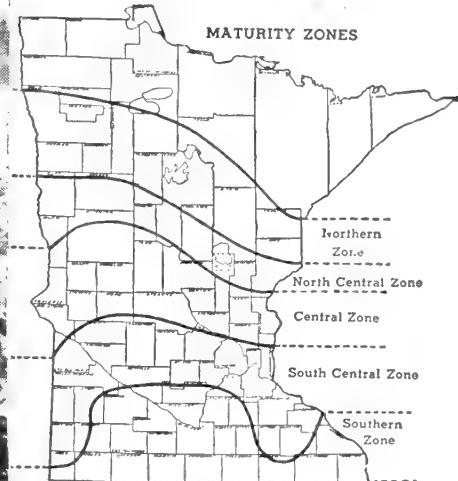
See Blue Figure Price List.

### Sow RAPE for QUICK PASTURE

This profitable annual forage plant can be grown on land which has already produced an early grain crop. Sow it anytime, spring or summer, even in dry seasons. Makes good pasture for cattle, hogs or sheep. It prepares hogs or sheep for market better and quicker than any other forage. One acre pastures 12 to 15 sheep 6 to 8 weeks. It's ideal for weaning lambs, and brings spring pigs up to 200 lbs. at six months. Makes a mild, succulent cattle feed that won't flavor milk if properly pastured. Plant it alone, or with grain, soy beans, sudan grass, or cane. It's cheap to sow: use 5 to 6 lbs. per acre broadcast, or 3 lbs. per acre in rows. We offer the popular Dwarf Essex variety. Postpaid: 5 lbs. \$1.60. See Blue Figure Price List.



Choose the Right Soy Bean Variety!



## Profitable Soy Bean Varieties for the North

### MANCHU, Wisconsin 606

Developed by Wisconsin Experiment Station. Similar to Habaro in yield, and maturity, with fairly good standing ability. Averages 1.5% to 2% higher in oil content than Habaro. Adapted for seed and hay production in Minnesota's Southern Zone, South Central Zone and Southern two-thirds of Central Zone, and for hay only in the Northern third of Central Zone, and in North Central Zone. U.S.D.A. data on 3 years testing shows Wis. Manchu 606 averaged 27.6 bushels per acre yield, with 41.4% protein, 19.9% oil of 135 iodine number. Recommended by Minnesota Experiment Station. See Blue Figure List.

### OTTAWA MANDARIN

An improved Mandarin from Dominion Experiment Farm, Ottawa. Plants grow 27 to 33 inches high, with good standing ability, purple flowers and yellow pods with 2 to 4 buff seeds. U.S.D.A. data on 3 years testing shows Ottawa Mandarin averaged 27.3 bushels per acre yield (highest in its maturity group), 42.6% protein, 19.2% oil of 131 iodine number. Ottawa is higher in yield and oil than Mandarin Wis. 507. Ottawa strain is recommended for seed and hay production in Southern, South Central, Central and North Central Zones, and for hay only in Northern Zone. When planted late (June 20) in Southern Zone, Ottawa ripened and produced 25 bu. per acre. Recommended by Minnesota Experiment Station. See Price List.

### Get More SOY BEANS

Inoculate your seed with NITRAGIN

2 bu. size.....\$0.30	25 bu. size (1 can) not 5 bu. size..... .50	ppd. .....\$2.25
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### HABARO

Developed at University Farm. Habaro's 28 to 35 inch plants are highly resistant to lodging. Seed and hay yields run about as high as any variety tested at the Waseca Station. Recommended for seed and hay production in Minnesota's Southern Zone, South Central Zone and the southernmost two-thirds of Central Zone. U.S.D.A. data on 3 years testing shows Habaro averaged 27.9 bushels per acre yield, ranked first in protein content with 43.3%, oil content 18.6%, and iodine number of oil 133. Recommended by Minnesota Experiment Station. See Blue Figure Price List.

### NEW HAWKEYE

Adapted to the 115-125 day corn area. Hawkeye was developed at the Iowa Experiment Station. It is about a week later than Manchu 3 and is five days earlier than Mukden. The plants stand up well and the seeds are produced high on the stem. Hawkeye has outyielded all other varieties for a four year period in the area where it is adapted.

Oil content is about 21%. Hawkeye is generally adapted to the northern parts of Iowa, Illinois, Indiana and Ohio, the southern parts of Michigan and Wisconsin, and to Northeastern Nebraska. See Blue Figure Price List.

### FLAMBEAU

A popular variety in northern states, originally introduced from Russia and thoroughly tested at Wisconsin's Experiment Station. Flambeau grows 22 to 26 inches tall and is not as highly resistant to lodging as Ottawa Mandarin. However, it has proved to be a good seed producer and is about equal to Kabott in oil percentage. It is adapted for seed production in the northern one-third of the Central Zone and in the North Central and Northern Zones. It is recommended by the Minnesota Crop Improvement Association for hay production in the North Central and Northern Zones. See Blue Figure Price List.

### How To Grow Good Crops of SOY BEANS

Soy Beans require about the same treatment as corn, and will grow on almost any kind of soil, shallow peat or sandy loam, and even ground containing too much alkali for corn. Do not plant Soy Beans too early, about corn planting time is right.

Inoculate seed with Nitragin and plant as follows:

1. In ordinary 6 in. rows with a grain drill, using 90 to 120 lbs. of beans per acre.
2. In 12 in. rows, using a grain drill and plugging up every other drill, using 80 to 90 lbs. per acre.
3. In 21 in. rows, using a corn planter with a grain attachment, the planter being set at the regular distance of 42 in. and the rows straddled. Plant about 70 to 75 lbs. of beans per acre.
4. Soy Beans may also be planted in rows 30, 36 and 42 in. apart and cultivated. Plant 75 to 100 lbs. of beans per acre.
5. Soy Beans may also be broadcast, using about 90 to 120 lbs. per acre.

### New MONROE Soy Bean

This is our newest soybean, which was first distributed in 1949. It was developed by the Ohio Experiment Station and the U. S. Regional Soybean Laboratory cooperatively, and evaluated by tests in a group of states including Wisconsin. It is adapted to the 100-105 day corn areas, also for late planting farther south, and for hay production farther north.

Monroe is a selection from a Mukden x Mandarin cross. The plants are tall and quite resistant to lodging. They mature about three days earlier than Manchu 606, and the pods are borne higher off the ground. Flowers are white, hairs on stem and pods are gray, pods are brown when ripe. Seeds are light yellow, including the hilum. Oil content is about 20%. See Blue Figure Price List.

## Heavy Producing, Fast Growing MILLET The Ideal Catch Crop!

### JAPANESE MILLET

Billion Dollar Grass

One of the best forage crops for feeding all kinds of livestock. High in milk-producing qualities, being rich in protein and fats. Combined with soy beans, as ensilage, it makes an ideal balanced ration (two parts of millet to one of soy beans). Adapted to all sections of the country; it makes more hay than any other millet, and requires less seed. It is the ideal catch crop, and may be sown from May to July.

For hay, cut it just before it blossoms, and cure the same as clover. It also makes good pasture, but the cattle must be accustomed to it gradually. It grows 4 to 8 feet high and produces 5 to 6 tons of hay per acre; it's drought-resistant, yet can be grown on wet or poor soil; it's cheap to sow, only 20 to 25 pounds of seed per acre being required; it's very palatable and is liked by all livestock.

Millets Can "Save the Day" for You!

Of great value in case of crop failure of Clover and Timothy, when dry, spring weather cuts short the pasture and meadow grasses, or when there is a cold, wet spring and corn and other early sown crops are drowned out—it is then that Millet is fully appreciated.

Millets may be planted up to July 1 and even later, and still produce a crop of hay or pasture. Millet hay properly handled has great feeding value and milk-producing qualities. For hay it should be cut as soon as it blooms, before the seed forms, otherwise the hay is apt to be woody. In more southern sections Millet is sown as a catch crop after the grain has been harvested. It produces the best results in warm, rich soil.

Sow broadcast, using about 25 lbs. per acre, covering seed three-quarters of an inch deep. For a seed crop, allow the Millet to ripen fully and harvest with a grain binder.

### GERMAN OR GOLDEN

This is one of the best varieties of hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good, rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is best, and so tender it can be fed to hogs. Sow 15 to 20 pounds per acre.

### SIBERIAN

We think this the best Millet for dry sections. It is extremely hardy, drought-resistant, and about two weeks earlier than Golden Millet. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay. It produces 50 to 70 bushels of seed per acre. Sow 15 to 20 pounds per acre.

### RED PROSO MILLET

Popular for producing ripe grain or seed, but not a hay Millet. Can be seeded after early canning peas are harvested and still mature a crop. As readily consumed as yellow corn, by laying hens and growing turkeys. In fact, annual egg production per bird, higher where Red Proso replaces corn. Sow 25 pounds per acre.



### TO GET BIG FLAX YIELDS—

Sow early right after grains are planted. The earlier that Flax is sown, the better able the plant will be to withstand wilt and other diseases. Treat seed with Ceresan—Page 67. Sow 3 to 4 pecks per acre.

### NEW DAKOTA FLAX

**Now the Best Performer Throughout the Midwest!**

This new flax from North Dakota's Agricultural College has proved one of the highest yielding varieties in most all flax growing sections. It appears well adapted in a wide range of environments. In official Minnesota trials (3-year average), Dakota yielded 19.6 bu. per acre; Koto, 19.0 bu., and Minera, 17.9 bu. Official North Dakota trials—Dakota, 23.2 bu.; Bison, 11.1 bu.; Koto, 19.4 bu.

Dakota is midseason in maturity. Plants are of medium height, have strong straw, and have proved resistant to rust and wilt, with moderate resistance to pasmo. Seeds are brown and slightly smaller than Bison. Oil content and quality, equal to Red Wing. Recommended by Minnesota and North Dakota Agricultural Colleges. See Blue Figure Price List.

### Approved Spring Wheat

### MIDA WHEAT

**The Highest Yielder with Good Milling Quality!**

A new bearded, early maturing spring wheat with medium straw strength. Moderately resistant to leaf and stem rust and bunt, susceptible to loose smut, and moderately susceptible to scab. It has a high test weight per bushel and equals Thatcher in milling and baking characters except that it gives lower loaf volume. In 3 year tests (1941 to 1943) in North Dakota, Minnesota, South Dakota and Montana, it outyielded Thatcher by 13.8%. Mida was developed from Ceres-Hope-Florence parentage by North Dakota Experiment Station. In 1945 U.S.D.A. trials, Mida averaged 29.5 bushels per acre, the highest yielding wheat at all 24 Regional Stations. Recommended by Minnesota Experiment Station. See Blue Figure Price List.

### HENRY WHEAT

**The Biggest Producer of Feed Wheat!**

A higher yielding, hard red spring wheat recently developed by Wisconsin Experiment Station and U.S.D.A. It's considered a tall variety, although slightly shorter than Mida. It matures early, is moderately resistant to stem rust, and is unusually high yielding. Henry averaged 33½ bushels per acre for 5 years in Minnesota tests in several locations. This is 4 bushels more, or higher than Mida. Henry is a most valuable feed wheat variety, but is not recommended here. Hard red spring wheat is grown for milling uses, because of its poor milling quality. See Blue Figure Price List.

### BUCKWHEAT

Generally the best grain crop for poor, thin land. Seed at the rate of 3 or 4 pecks per acre, late in the season when all danger of frost is past. Matures in 10 to 12 weeks. An excellent catch crop. Yields vary from 15 to 30 bushels per acre. An excellent weed indicator, as it offers no competition to weeds. See Blue Figure Price List.

# Here are the New Barley Varieties

## New MOORE BARLEY

**The New & Better Malting Barley from Wisconsin's Experiment Station!**

At last the ideal barley, featuring high yields, strong straw, disease resistance, PLUS good malting quality! Moore grows to the same height as Wisconsin 38, but the straw is much stiffer and heads remain erect until harvest time. Moore has high bushel weight and good kernel size, as well as resistance to stem rust, spot blotch, and powdery mildew. In widespread tests, both yields and malting quality have proved highly satisfactory. Yields were well above other accepted malting varieties. It's well adapted to fertile soils.

Moore is a six rowed, white barley, with a moderately compact head, and long, wide-spreading, smooth awns. Moore is now being recommended by most Experiment Stations in Malting Barley areas. It pearls white. See Blue Figure Price List.

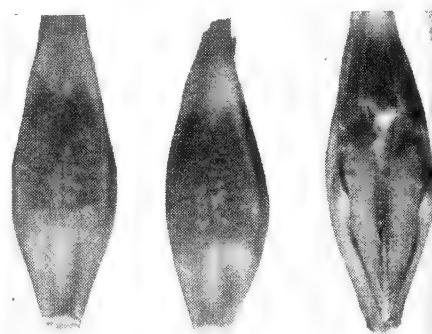


### HEADS OF WIS. 38 & MOORE

Moore has wide-spreading, smooth awns, and the heads remain erect until harvest time.



**NEW MOORE BARLEY** grows to the same height as Wisconsin 38, but MOORE has a much stiffer, stronger straw and is resistant to stem rust.



### TYPICAL MOORE BARLEY KERNELS

The hulls of Moore are thinner and stick tighter to the kernel than those of Wisconsin 38. This results in less skinning during threshing, and makes it easier to meet malting standards with your entire crop.

### MONTCALM BARLEY

**Canada's New Bumper Crop Producer!**

The new malting barley from Canada that gained considerable fame when these yield trials at Fargo were published recently:

North Dakota Agricultural College Tests:

NEW MONTCALM.....	69.4 bu
"L" or Kindred.....	59.1 bu.
Wisconsin 38 .....	62.7 bu.
Manchuria .....	60.9 bu.
Mars (feed barley).....	60.9 bu.

New Montcalm outyielded "L" Barley and Wisconsin 38. It tested highest of all in Canadian malting tests. Montcalm matures somewhat earlier than Wisconsin 38, is six-rowed, smooth bearded, and has stronger straw than "L" barley and Wisconsin 38. It is reported to be equal to other malting varieties in disease resistance but is somewhat susceptible to loose smut and stem rust and it pearls blue. In spite of these faults, Montcalm is profitable because of its high yield and its ability to qualify as a malting variety. See Blue Figure Price List.

### "L" or KINDRED BARLEY

**A Heavy Producer in Bad Stem Rust Years!**

It matures 3 days earlier than Wisconsin 38. "L" has an outstanding yield record, is not as subject to blight and foot rots as Wisconsin 38, and is recommended by Minnesota's Experiment Station. "L" Barley is a 6-rowed, rough awned variety of white aleurone. It's very high in yield, with good test weight and satisfactory malting quality. It has high resistance to stem rust, but only moderate resistance to lodging. See Blue Figure Price List.

### Wisconsin "38" or Barbless

**The Popular Favorite Throughout the Midwest!**

A smooth awned, six rowed, white aleurone variety, with high yielding ability. Barbless is resistant to barley stripe, moderately susceptible to spot blotch, and susceptible to scab, loose smut, and stem and leaf rusts. It has moderately stiff straw. It is an excellent malting variety. Recommended by Minnesota's Experiment Station. See Blue Figure Price List.



Treat All Your Seed Grains with Ceresan

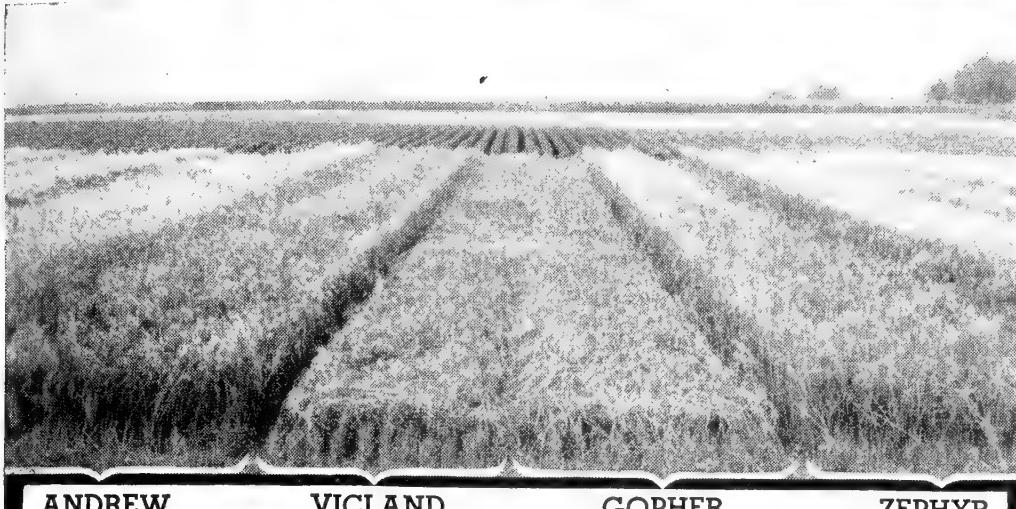
If you need Ceresan for treating your wheat or flax, See page 67.

### Barley Performance in Minn. Exp. Station Trials

BARLEY VARIETY	YIELD (BUSHELS PER ACRE)	PLANT HEIGHT (Inches)	HEADING DATE	WEIGHT (per bu.)
Wisconsin 38	50.7	36	6-29	45.9
Kindred or L	48.0	34	6-26	47.5
Montcalm	49.7	36	6-28	46.5
Moore	*50.8	36	6-29	45.2

\*good malting quality

# The New Disease-Resistant Oats



**ANDREW**

**VICLAND**

**GOPHER**

**ZEPHYR**

Andrew and Zephyr stand mostly unbroken beside badly broken Gopher and Vicland seven days after the grain was dry enough for combining.

## BONDA OATS

Stands well on thin soils . . . lots of straw . . . heavy kernels

Bonda has yielded about 16% greater than Vicland, over a three-year period, at the Minnesota Experiment Station. Bonda grows somewhat taller than Vicland, which is an advantage where more straw tonnage is wanted. Bonda is also superior to Vicland in standing ability, especially on thin soil. The kernels of Bonda are a yellowish-white, and they average about 5 lbs. per bushel heavier than Vicland. Under normal conditions, Bonda matures a day or two later than Vicland. The weight of an individual kernel of Bonda is about 20% greater than Vicland, and 30% greater than Gopher. For this reason, Bonda should be seeded somewhat heavier than other varieties, on sandy soil.

Bonda is resistant to crown rust; to stem rust, including race 8 (to which Tama and Vicland are susceptible); to the smuts; and to the new Helminthosporium blight disease.

Bonda was selected from a cross between Bond and Anthony at Minnesota's Experiment Station. See Blue Figure Price List.

## MINDO OATS

Resists lodging on heavy soils

Mindo is a very early, open panicle white seeded variety which has yielded on an average of about 15% greater than Vicland or Tama for a three-year period. Mindo is superior to Vicland in its ability to withstand lodging on heavy soil. It grows about the same height as Vicland, and is somewhat superior to Vicland in the weight per bushel. It is also about three days earlier in heading. Its kernel size is plumper than that of Vicland.

Like Bonda, Mindo is resistant to stem rust, including race 8 (to which Tama and Vicland are susceptible); to crown rust; to the smuts; and to the new Helminthosporium blight disease.

Mindo was developed at the Minnesota Experiment Station. See Blue Figure Price List.

## New ZEPHYR OATS

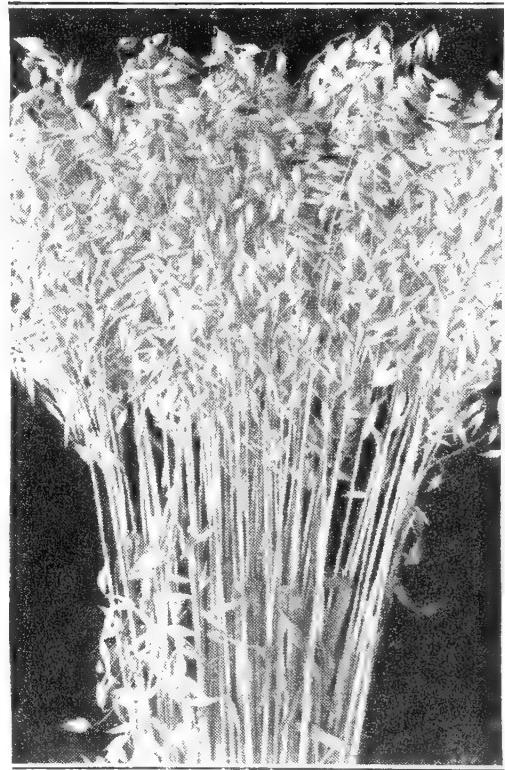
New Medium Early Oats—Highest Yielder in All Minnesota Station Tests

Matures 2 days later than Bonda, 5 days later than Mindo. Seed is gray in color, of good size, more plump than Bonda. It grows to same height as Bonda and stands without lodging. Resistant to crown rust, smut, and stem rust, including Race 8. Minnesota's highest yielder in 4 years official testing. See Blue Figure Price List.

## New CLINTON '59

An improved strain of the famous Clinton Oats, selected at Indiana's Experiment Station. New Clinton '59' is more uniform in plant height, more even in maturity, and heavier in test weight, than the original Clinton. It retains the very low hull percentage, as well as the strong disease-resistance and high yielding power of Clinton Oats. See Blue Figure Price List.

HERE'S  
AN EXTRA  
DIVIDEND  
YOU GET  
IN  
MASTER  
FARMER  
SEED OATS:  
THEY'RE  
TREATED!



Bonda Oats makes highest bushel weight of all!

## COMPARE the FEATURES of these Oats

### ADAPTATION OF VARIETIES

Clinton 59, Mindo, and Andrew grow to medium height and are well adapted to rich soils where lodging has been troublesome.

Zephyr and Bonda will prove popular where considerably taller straw than produced by Mindo is wanted and where more straw tonnage is required on the farm. These varieties should excel in dry seasons, and appear much better adapted on thinner soils, than the shorter varieties.

### EXCELLENT STANDING ABILITY

Normally these new varieties may be expected to stand well for a period of 7 to 10 days after grain is first dry enough for safe storage.

The high test weight per measured bushel, and the low percentage of hull, make it important to harvest and store the grain at less than 14% moisture. A moisture test is the only safe guide.

### SEEDING RATES

Tests show that maximum yields can be obtained at rates of 2 to 2½ bushels per acre. Since these newer varieties are very heavy in bushel weight, many farmers prefer to seed 3 bushels per acre as a drill operates by volume rather than by weight.

## COMPARE the PERFORMANCE in Minnesota Experiment Station Trials

(Averaging 4 years testing at 4 Minnesota Stations)

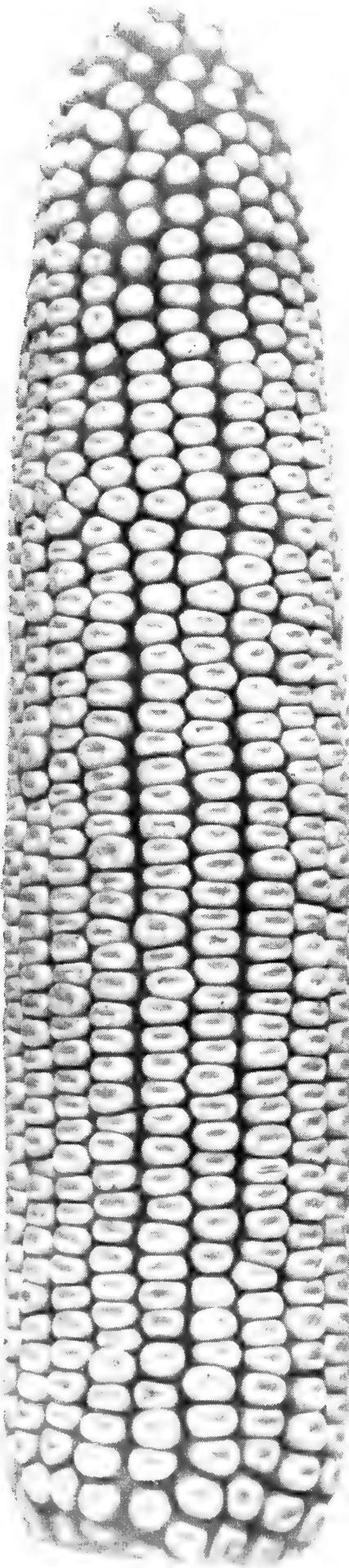
OATS VARIETY	YIELD (Bushels per Acre)	PLANT HEIGHT (Inches)	HEADING DATE	WEIGHT per bu.	WEIGHT 200 SEEDS (grams) PER CENT	HULL
Bonda	80.4	40	6-27	37.0	6.0	28.3
Mindo	83.1	35	6-24	35.2	5.0	28.2
Clinton	84.1	36	6-28	35.6	4.9	25.7
Andrew	84.6	37	6-25	35.0	5.5	25.1
Zephyr	84.7	40	6-29	34.7	6.4	29.4

FARMER'S

# MASTER HYBRIDS for 1950

## DIRECT-TO-YOU PRICES

See Blue Figure Price List



Master Hybrid F-41  
(96-100 Days)

\*Master Hybrids are bred, produced, tested in Minnesota to insure fitness for Northern climates. Below we give you only FACTS. We quote yields from unbiased OFFICIAL STATE TRIALS, conducted by State Experiment Stations—not from private tests! (In Minn. State Tests, a plus index shows degree of superior performance over the average of recommended hybrids.)

82-86  
DAYS

## MASTER F-21

For Zones A & B

One of the best extra-early hybrids on the market and a great favorite in Northern Zones of Minnesota, North Dakota, Montana, Wisconsin and Michigan. Made 58.8 bushels per acre in 1948 North Dakota Trials, Cass County. This hybrid outperformed the average of all hybrids recommended for the Northern Zone of Minnesota by 7.2% in official trials. It was named the highest yielding of all hybrids tested in Official Michigan trials in the Northern Zones, and produced 90.6 bushels per acre in 1948 Official South Dakota Trials (Lawrence County). F-21 earned an exceptional Performance Score of 109.9\* in Dewey County, South Dakota Trials.

Peter Braaten, who farms near Ada, in Northwestern Minnesota, writes: "I like Master F-21 the best of all the corns that I've been able to purchase. My neighbors like it so well that I am ordering for them. It's the easiest corn to pick of any I've ever grown."

Plant height 74 inches, ear height 29 inches, ear length 7 inches, 14 to 16 rows, no broken stalks. Easily harvested with mechanical picker. Produces bright, sound, deep yellow ears with golden bronze tinge. High feeding value. Performs well on peat or muck soils. Popular for hogging off in Southern Zones.

87-91  
DAYS

## MASTER F-31

For Zones C & D

The feature of this hybrid is its extremely high shelling percentage of 86.6%. It gives strong germinating, vigorous, early growth which gets it ahead of weeds in the event of a cold, wet spring. It responds well to a thick rate of planting for maximum yields. The deep roots make good wind resistance on this hybrid and ears are borne at a convenient height for harvesting.

The tips of the ears are characteristically well filled, a feature common in drought resistant corns. Ears are typically about 7½ inches long with medium dent like Minn. No. 13. The kernels have plump tips and a high test weight per bushel, often as high as 60 lbs. This hybrid dents rapidly in the fall and dries quickly to permit safe early cribbing. Produced 57.9 bushels per acre in our trials, with plant height of 85 inches, ear height 30 inches, 8 inch ears have 12 to 16 rows.

88-92  
DAYS

## MASTER F-32

For Zones C & D

The outstanding feature of this new Master Hybrid is its high rating for cold resistance, permitting it to germinate and grow well during cold, wet springs in the North Central Zone of Minnesota and similar areas.

Sturdy, medium tall stalks carry attractive, well-shaped, drooping 7 inch ears with 12-16 rows of deep kernels on a small cob. It's reasonably easy to husk, and picks well with mechanical picker. 3 year average yields in our trials: 54.82 bu. per acre, plant height 77 inches, ear height 29 inches, ear length 7 inches, husk—loose to medium.

96-100  
DAYS

## MASTER F-41

For Zones D & E

A yellow dent hybrid producing a chunky ear of medium length that is heavy and sound in quality, and harvests easily with mechanical picker. It's tailor-made for Minnesota's North Central Zone and similar areas of Wisconsin, Michigan, North and South Dakota. In Fargo, North Dakota trials, it was given a relative maturity rating of 91 to 95 days with good field appearance and a medium-short shank. In South Dakota Trials, it received the extremely high Performance Score of 112.9\* (Hyde County 1948). In Michigan Trials (Montcalm County), it produced 61.5 bu. per acre.

As an indication of its wide adaptation, Samuel Atchison of Syracuse, New York writes: "I had Master F-41, and despite the long dry spell, it came through great. I had the best field of corn in Oconee County."

Four year averages show plant height 87 inches, ear height 32 inches, no broken stalks, ear length 8 inches, and 16 rows. An excellent feeding corn. Performs well on peat soils, ideal for hogging off in more southern sections.

98-102  
DAYS

## MASTER F-60A

For Zones D, E & F

This hybrid stands out among all others of similar maturity, in field appearance, with its broad, deep green leaves, its long, show-type ears, packed with deep, bright yellow kernels. It stands out in performance, too. In North Dakota trials (Richland County), it earned a relative maturity rating of 95 to 99 days and showed strong resistance to lodging. In 1948 South Dakota trials (Brown County), it won a Performance Score of 105.4\*, and in 1948 Michigan trials (Saginaw County), it produced 73.6 bushels per acre. Produced 93.1 bushels per acre in our Southern Minnesota Trials, outyielding all others in its maturity class.

It's adapted to Central Zones of Minnesota and similar areas in Wisconsin, Michigan, South Dakota, as well as Southeastern North Dakota. Tests show plant height 88 inches, ear height 36 inches, ear length 8 inches, 16 to 20 rows, free of ear rots with deep kernels of highest feeding value. It harvests well mechanically, and has proved excellent for silo filling in Northern Zones.

Many customers are so enthusiastic over F-60A that they take the trouble to write about it. George Gotz of Auburndale, Wisconsin writes: "My field of F-60A was the envy of the neighborhood last year, so I'm now ordering for several of my neighbors." Fred Guetzlow of New Germany, Minnesota writes: "Your Master F-60A matured early and for the dry summer we had, it surely was good in spite of our light soil. We had wonderful results, and are more than satisfied." Henry A. Braun of Rosholt, South Dakota writes: "I have one of the nicest fields of corn in the neighborhood. It's F-60A, and if nothing happens to it, it will be the biggest corn crop I've ever raised."

104-108  
DAYS

## MASTER F-82

For Zones E & F

Here's the "old favorite" of the Master Hybrids. It can't be replaced in our plant breeding program because so many farmers demand it year after year. They feel it can't be beat for yield of dry shelled corn, standability, and resistance to root lodging. Its small cob with deep, thick kernels yields 86.1% shelled corn. F-82 earned a relative maturity rating of 103 to 107 days in North Dakota Trials, as well as the following comments: good field appearance, very good ear appearance, short shank, medium tight husk. In 1948 South Dakota Trials (Brookings County), it produced 81.6 bu. per acre, and in 1948 Michigan Trials (Ingham County), it yielded 77.8 bu. per acre with a Performance Score of 104.08\*.

Four year averages show: plant height 96 inches, ear height 42 inches, no broken stalks, ear length 8 inches, 16 rows. Harvests easily, mechanically. A favorite with our customers everywhere in the 105 day class. An excellent silo corn in Northern and Central Zones.

107-111  
DAYS

## MASTER F-83

For Zones F & G

Surprisingly heavy yields are harvested from this brand new hybrid, bred as a full season hybrid for Minnesota's South Central Zone and similar areas, where the season is just a little short for our famous Master F-101A. New F-83 is characterized by its heavy, dark green foliage, deep kernelled, heavy ears, 8 to 9 inches long, extra strong stalks and root systems. Its yielding power has been proved in six trials, planted and farmed on average farms of variable soil types, with standard farm methods. The result: an average yield of 91.34 bushels per acre was harvested! Since this hybrid is brand new, no Official State Yield Trial results are available as yet. In the farm tests this hybrid grew to a height of 97 inches, and bore ears at 42 inches. For the corn grower who feels that Master F-101A is just a little too late for his land, here is a hybrid to be proud of, in the field—and in the bin after harvest—it's tailor-made!

F. S. & N. Co.

December, 1949  
This year your Master F-21 averaged better than 60 bushels per acre on our farm. We are all well pleased because this is considered a very good crop here in Northern Minnesota. Ever since we first tried them several years ago, we have used none other than your Master Hybrids.

Ordean M. Olson, (Norman County)  
Shelly, Minnesota

## MASTER F-101-A

For Zones G & H

Here's the corn that really makes the neighbors look twice! Mammoth, showy ears averaging 10 inches and longer, are packed tight to the tip with heavy, golden yellow kernels of high feeding quality. It's truly a show-type ear with exceptional eye appeal for Minnesota production and resistance to ear-drop.

Our Southern Minnesota customers praise it above all others. Don Remund of Waseca County reports he will grow nothing but F-101A. He harvested 115 bushels per acre and also filled his silo from the same hybrid. It produced 91.6 bu. per acre over a 2 year average in our trials and 90.4 bu. per acre in official 1948 South Dakota Trials (Hanson County). In Official Iowa State Tests (Northern Section), F-101A earned a Performance Score of 103.5\*.

Four year averages show no smut, plant height 98 inches, ear height 42 inches, 18 rows, no broken plants, ear length 9½ to 10½ inches. Features: beautiful field appearance, big attractive ears, improved standability, excellent seedling vigor, quick drying and superior keeping qualities, as well as ease of mechanical harvest.

110-114  
DAYS

## MASTER F-106-A

IDEAL HYBRID SILO CORN

The Northern Corn Belt's  
Greatest Silo Filler!

For Zones G & H

Farmers in Southern Zones of Minnesota, Wisconsin, and similar areas, claim that F-106A cannot be surpassed in yields of dry shelled corn, or for silo and bin filling.

Yields in our trials averaged 100.7 bu. per acre over several years (108.8 bu. in 1946). Official 1948 Michigan State Trials (Monroe County) show a yield of 98.1 bu. per acre with Performance Score of 102.78. Ears average 10 inches long with 14 to 18 rows on a thin cob. Plant height, 95 inches; ear height, 40 inches; foliage, extremely heavy and dark green, strong standing ability.

Averages 15 tons of quality silage per acre, rich in carotene, source of Vitamin A. Harvest silage at the medium dent stage, while most of the plants are still reasonably green and succulent, for greatest dry weight. Delay beyond this time results in heavy losses of carotene without much increase in total yield of silage. F-106A is splendid for silage in most Central and Southern zones—figuring maturity at 10 days later than for grain production.

113-117  
DAYS

## Minnesota Exp. Station

### HYBRIDS

#### ★ MINHYBRID 503

(110-111 Days)

For Zones F and G

A hybrid combination of three Minnesota inbreds with an inbred from Ohio. Well adapted to South Central Zones of Minnesota, Wisconsin, Michigan, South Dakota and similar territories. The most popular of all 500 series Minhybrids on a basis of certified seed production records and farmer seed preference.

Four-year tests by Minnesota's Experiment Station in the South Central Zone show a yield of 74.1 bushels per acre, with 27.8% moisture, and a performance index of plus 15.4. In five-year tests in the Southern Zone, Minhybrid 503 made a yield of 74.4 bushels per acre, with 23.8% moisture, with a performance index of plus 37. Three-year averages show only 3% smut, plant height 97 inches, ear height 42 inches, only 3% broken stalks, ear length 8 inches, 16 to 18 rows. Harvests very well with a mechanical picker. Produces deep, richly colored, yellow kernels of high feeding value.

## SORGHUM CANE



### MINNESOTA ORANGE SORGHUM

An early strain selected from Waconia Orange, grown in Southern and South Central Minnesota for many years. Grows heavier but shorter stalks than Amber Cane and withstands storms and wet weather without lodging. Sow 8 to 10 lbs. per acre for syrup. An excellent sweet stalk sorgo, that produces 5 to 10 tons of quality cane per acre, and 25 to 40 bushels of seed per acre. Over 200 gallons of delicious, golden yellow syrup from one acre! This sorghum syrup is preferred by consumers because it's lighter in color. Price: 5 lbs. \$1.25, postpaid. (See Price List.)

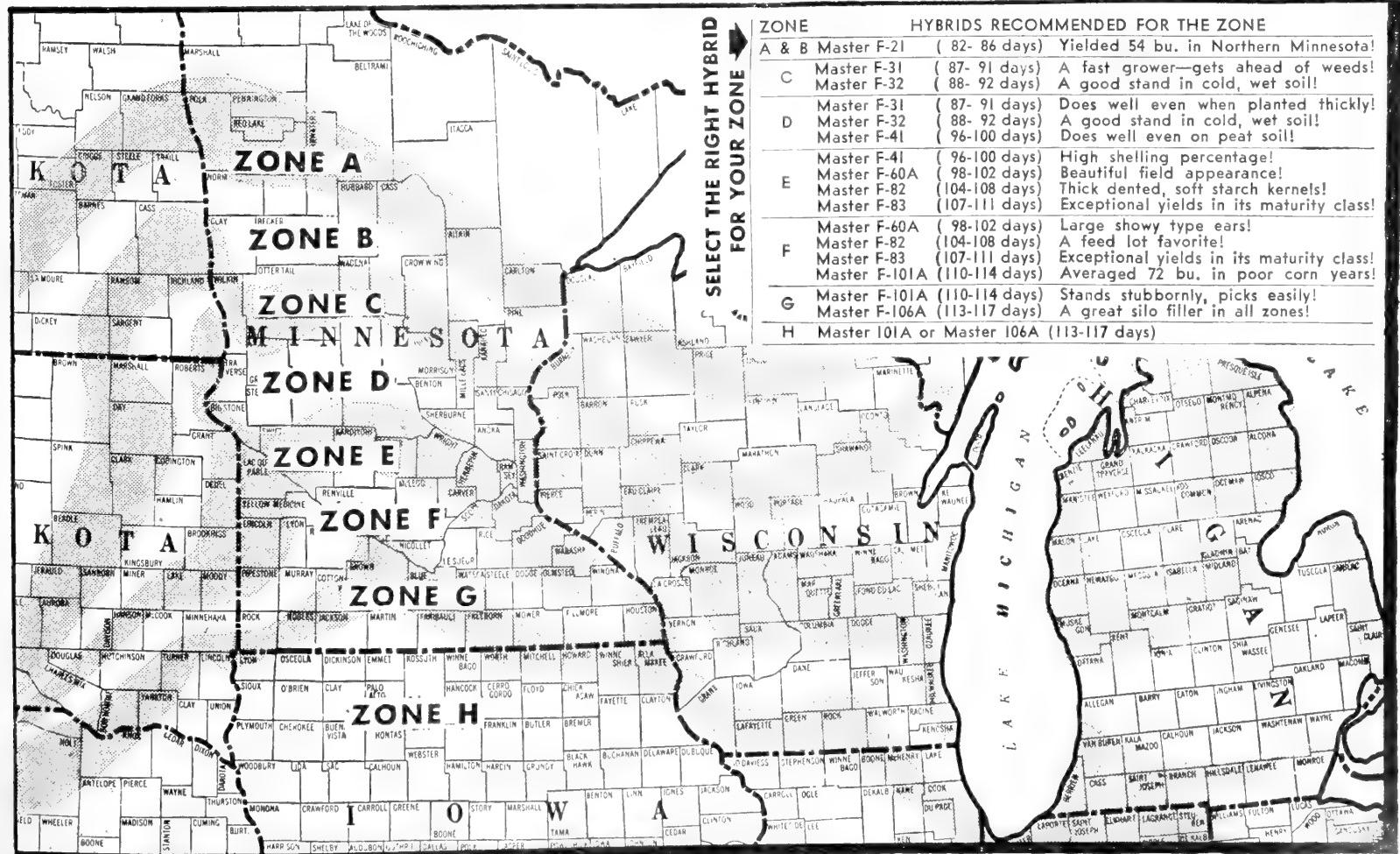
### FODDER CANE—(Southern Grown.)

A profitable feed crop producing as much as 30 to 35 tons of green feed per acre. It makes good hay if cut before it grows too high. It matures later than Early Amber Cane. Sow 50 to 60 lbs. broadcast or 12 to 15 lbs. in drills per acre. (See Blue Figure Price List.)

### NEW EARLY NORGHUM SORGHUM

Read all about it on Blue Figure Price List!

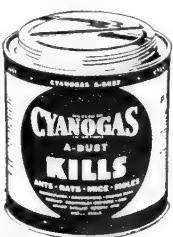
## MASTER HYBRID and MINHYBRID PLANTING GUIDE



# Pest Destroyers, Traps and Repellents for Farm, Home & Yard

## CYANOGENS

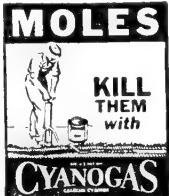
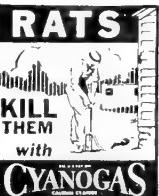
KILLS RATS, MICE, GOPHERS,  
MOLES, WOODCHUCKS



in corn cribs, burrows, under buildings, barns and hard-to-get-at places.

Cyanogas gives off a gas deadly to rodents. The residue, after gas is given off, is non-poisonous. Pests need not eat Cyanogas or even touch it. It gets 'em wherever they are. Can be applied with dusters (below) or by sifting. Directions on pkg. Write for big free folder telling how to rid your premises of 24 different farm and home pests.

Cyanogas A-dust: 1 lb.  
98c, postage  
10c extra. 5  
lbs. \$3.75, 25  
lbs. \$12.50  
f. o. b. Faribault.



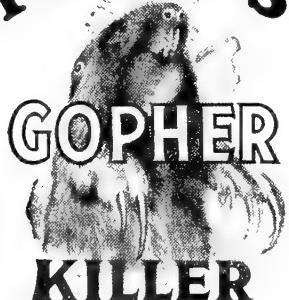
## Cyanogas Brass FOOT PUMP



Kill rats, gophers, moles, etc., in deep burrows, or under buildings with this powerful, heavy-duty Cyanogas pump—made of brass—lasts a lifetime. New dust cutoff valve makes a little Cyanogas go a long way! First apply minimum dose with lever in "Dust" position. Then force gas completely through the burrow with valve in "Air" position. A complete kill—with no waste! Price: \$11.00, postpaid.

## GET RID OF POCKET GOPHERS

## FORCE'S



No traps, no gas. No bait to mix! Here is the result of extensive research, made in ready-to-use pellets—easy to use. Has no harmful effect on soil or vegetation. Reaches and kills Pocket Gophers right in the ground. Guaranteed effective. 60 Force's Gopher Pellets for 50c, 175 for \$1.00, postpaid.

## KILLS MOLES IN THEIR HOLES!



No Traps—No Gas—No Exposed Poison. Made in easy-to-use pellet form, from the moles natural food, but contains a poison deadly to moles—kills them in the ground where they live. To eradicate entire family of moles, place pellets in visible runways at 2 foot intervals. Moles readily seek these pellets, eat them and die. Treat new runways as they appear.

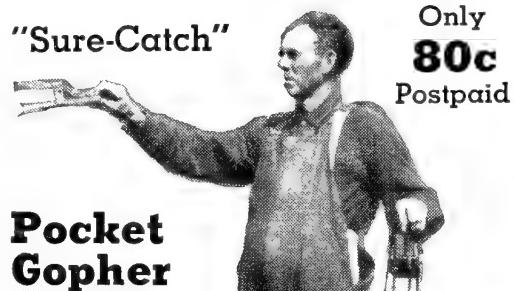
75 pellets for 50c, 185 pellets \$1.00, postpaid.

## MOLITE RODENT KILLER

KILLS MOLES, RATS and GOPHERS

Kill moles or gophers with this "Gas" type cartridge. Simply light fuse—insert into holes or tunnels. Molite gas penetrates runways, brings quick death to rodents. 6 Molites for 90c, 12 for \$1.50, postpaid.

## "Sure-Catch"



Only  
**80c**  
Postpaid

## Pocket Gopher Trap



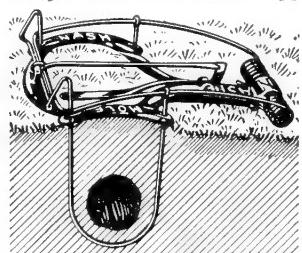
Few farmers realize the losses caused by pocket gophers. Most counties pay bounties to check these farm robbers, but here is a trap that will really get a pocket gopher nine times out of ten. This trap is simple and effective.

Sure-Catch Trap is easy to set—perfectly harmless to handle and fits into the gopher hole, half length. Boys and girls make good money trapping pocket gophers. 80c each, 6 for \$4.25, ppd.

## NASH MOLE TRAP \$2.25 ppd.

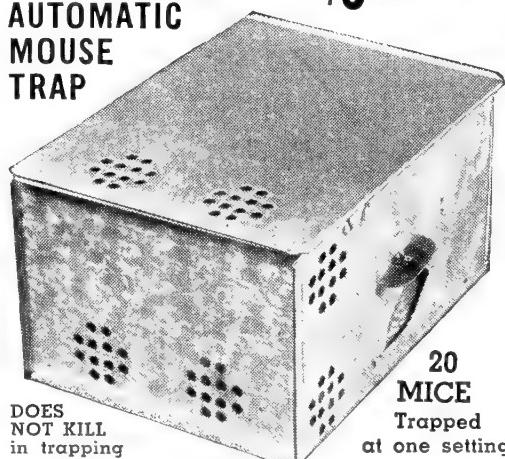
Recommended by U. S. Biological Survey. The Trap That Always Catches the Mole in All Kinds of Ground When Properly Set. Clods or stones cannot prevent perfect operation. Catches mole when it comes from either direction. Mole is caught around forward flippers. If properly set,

it cannot fail. Government Bulletins report this "choker loop" type trap is much more effective than the "harpoon type" or the "scissor jaws" type. Satisfaction guaranteed. Full directions included.



\$3.50 Postpaid

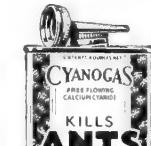
## World's Finest AUTOMATIC MOUSE TRAP



20  
MICE  
Trapped  
at one setting

Catches mice by the dozens! Effective, foolproof, sanitary. Just wind it up, place it on floor, and empty it every few days. Simply eject trapped mice into water without touching them, or immerse the trap to destroy them. The lively trapped mice attract others into trap. Lures them without bait. Sturdily built, all metal, fully galvanized, guaranteed, lasts for years. \$3.50, postpaid.

## CYANOGENS, ANT KILLER



Packed in special 4-oz. metal container equipped with spout for easy application. Simply shoot it into ant hills and no more ant trouble. Gets the ants at their source. Price: 40c, postpaid.

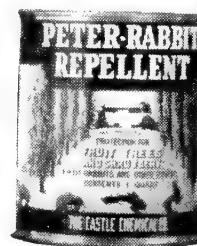
## SCARE-AWAY



Keeps Birds Out of  
Garden & Berry Patch

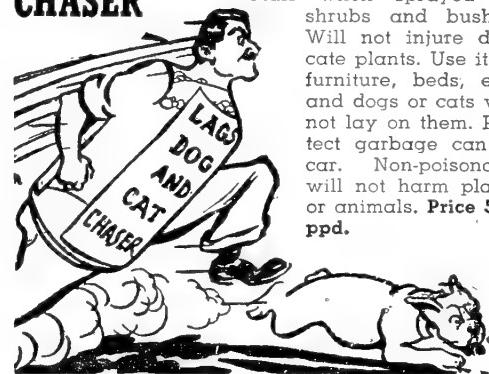
Rids your garden, fruit trees, or berry patch of birds and small animals. Protects newly planted seeds, tender young sprouts, ripe berries. Just tie these 15-inch shiny metallic strips in the tree, or string them across the garden. A menacing combination of crackling, tinkling noise, flashing light and fluttering motion frightens away these garden robbers. 10 strips cover a 20x20 plot, or a small fruit tree. Pkg. of 10 strips, 30c, 4 pkts, \$1.00, postpaid.

## PROTECT Young Fruit Trees



"Peter Rabbit" Repellent protects trees and shrubs from rabbits and mice. A green paint-like non-poisonous material which can be painted or sprayed on trees and shrubs. Its bitter taste is offensive to rabbits. One application lasts throughout winter. Quart treats 50 small trees. 1 pint, postpaid, \$1.00. 1 quart, postpaid, \$1.65. 1 gallon, by express, not postpaid, \$4.50.

## DOG and CAT CHASER



A stainless repellent with pleasant odor. Repels animals when sprayed on shrubs and bushes. Will not injure delicate plants. Use it on furniture, beds, etc., and dogs or cats will not lay on them. Protect garbage can or car. Non-poisonous, will not harm plants or animals. Price 50c, ppd.

## "NO PUPS WANTED"



Female dogs make the best watch dogs and most gentle pets. They have cleaner habits that cause annoyance in attracting other dogs. LAG'S NO PUPS WANTED has a pleasant odor—is easily applied to female dogs when necessary, and other dogs will keep away. It is a semi-clear liquid—is harmless and will not stain the hair of white dogs. Price 50c, ppd.



## INSECT BOMB with DDT!

The famous DDT dispenser used by U. S. Army. Safely dispenses DDT with freon gas, which spreads to all corners of room. Only 4 seconds spray required for average room. Kills flies, mosquitoes, moths, roaches, etc. Release fog in middle of room—it penetrates cracks and crevices. A room 11x15x9 feet can be sprayed approximately 150 times before dispenser is empty. Each: \$2.95, postpaid.

# Newest Miracle-Working Garden Chemicals

## BOOST'EM Starter Solution



This remarkable formula increased tomato yields 4 tons per acre at Purdue University—boosted potato yields by 100 bu. per acre at U. of Maine. For CABBAGE, TOMATO, MELONS, PEPPERS, EGG PLANT, etc., dissolve 1/2 lb. BOOST 'EM in 5 to 8 gals. water, apply 1/2 cup solution per plant when transplanting. Results are remarkable! Apply solution direct to garden seed when planted—again at blossom or fruiting stage.

Advantages of Boost 'em Starter Solution:

1. Reduces transplanting shock, plants resume growth earlier, fewer

plants to replace.

2. Earlier harvest, greater yield and better quality.

3. Longer bearing period.

4. Instantly soluble, cheap—easy to apply.

Other profitable uses: apply direct to garden crops such as beans, peas, sweet corn, for mid-season boost. A splendid liquid fertilizer for house plants, shrubs, perennials.

3 oz. (for 2 to 3 gals. solution) postpaid, 25c, 1 1/2 lbs. (for 20 to 25 gals.), postpaid, \$1.00, 10-lb. can, postpaid, \$4.00.

25 lbs. (freight or exp. not prepaid), \$7.00, 50 lbs. (freight or exp. not prepaid), \$11.00.

## TRANSPLANTONE



Amazing new HORMONE-Vitamin stimulant "does things" to more plants than Bi alone! Mix with water—apply to soil. Makes better lawn turf, plants, tree and seedling roots. Unbelievable results transplanting VEGETABLES — tomatoes start quickly—no wilting or setback, 50% more yield reported. 1 oz. makes 10 gallons transplant solution or 1,000 gals., watering solution. Free folder on request. 1/2 oz. pkt. postpaid, 25c. 3-oz. can, postpaid, \$1.00. 1-lb. can, \$4.00 ppd.

## ROOTONE



Hormone Wonder Powder for seeds, cuttings, bulbs. Luxurious lawns, 2 weeks earlier—bigger, earlier flowers, garden crops! Seeds dusted with Rootone germinate faster, root deeper, make stronger, healthier seedlings. Cuttings dipped in Rootone speedily develop surprising roots. Free booklet on request. Trial pkg. 25c. 2-oz. jar (treats 20 lbs. lawn seed) \$1.00. Pound \$5.00, ppd.

## "NO-SEED" BLOSSOM SET FOR EARLIER TOMATOES



Grow Earlier, Larger, Sweeter, and More Tomatoes on each plant with "NO-SEED," an approved plant hormone that's easy to use. Just mix with water and spray newly opened blossoms. "NO-SEED" induces artificial setting of fruit, prevents falling of first blossoms, gives ripe tomatoes 2 to 4 weeks earlier. Treated plants produce larger, firmer, meatier fruits, with fewer seeds. Grow seedless peppers, egg plant, cucumbers, squash. Tested by U.S.D.A., leading Universities, Colorado Experiment Station. 4-oz. bottle (for 1 gal. spray) ppd. 85c, pint (makes 4 gals. spray) ppd. \$1.75.

## Try Organic Gardening with VITALOAM



Now you can grow really BIG vegetables, fruits, flowers with this amazing organic soil conditioner for everything that grows—house plants, garden crops, trees, shrubs. Grows grass under trees. It's easy to use—just mix into soil. Only one treatment for entire growing season. Cannot burn

tenderest roots. Used by professional growers in 48 states. Vitaloam is a tremendously condensed humus preparation containing a bacterial culture that continues improving soil, while the enriched soil grows the crop. Positively not a commercial fertilizer. This soft, velvety material improves soil texture, has 800% moisture capacity, high in Ph. balance, billions of beneficial soil bacteria produce greener, healthier plants, with fruits of finer flavor, greater health value. A new thrill in gardening! 3-lb. can postpaid \$1.25, 25-lb. can by express not prepaid \$3.50, 50-lb. can by express or freight not prepaid \$6.00.

## MAKE YOUR OWN FERTILIZER

from Grass Clippings, Leaves, Garbage and Other Waste Materials

ACTIVO makes rich fertilizer humus easily, quickly, cheaply from kitchen waste, sawdust, garden rubbish, etc., at a few cents cost. Also stretches commercial fertilizer—makes it go six times farther. It activates potting and garden soil. Reduces odors in outdoor toilets, making rich, easily handled garden humus. Activo (an organic composition) transforms waste materials into valuable fertilizer by bacterial action. Does not kill earthworms or beneficial soil organisms, as do chemical compost hasteners. Just sprinkle on compost pile—it speeds decomposition, makes rich, odorless humus that builds up soil, without strong chemicals. No. 2 size (for 450 lbs. compost) ppd. \$1.25; No. 7 size (for 1,800 lbs. compost) ppd. \$2.35; No. 25 size (for 3 1/2 tons compost) not ppd. \$6.50.



## VERMICULITE Famous MICA-GRO Brand

The wonder garden aid described in magazines. The perfect growing medium that starts seeds and cuttings faster, grows them bigger, stronger, with up to 100% stand and phenomenal root growth. Holds many times its weight in water plus oxygen. Prevents drowning, "damping off" and other diseases. It's sterilized—it cannot rot.

A featherweight soil for seedling flats, an ideal insulated garden mulch, ventilates heavy clay soil, ideal for forcing winter blooming bulbs, or starting garden seeds early. 1/2 pk. postpaid 75c, 2 cubic ft. bag by exp. not ppd. \$2.35.

## IMPROVED Han-D Sprayer



A new, greatly improved all purpose quart sprayer for home, farm or garden. Sprays LIQUID or POWDER insecticides (like Lead Arsenate, Bordeaux, Lime). Ideal for DDT in barn and poultry house. A simple squeezing pressure of one hand sends powerful, soaking, fan shaped spray—up, down, sideways, or under leaves. Made of non-rusting zinc alloy, machined brass and stainless steel. Each: \$2.95, ppd.

## Seed Treatments

### TREAT VEGETABLE AND FLOWER SEEDS

New ARASAN is the most modern disinfectant for all garden seeds. In actual tests, untreated seeds that produced a 64% stand, showed 83% stand after dusting with Arasan. Nearly 30% increase—it pays! Non-irritating, easy to apply. 3/4-oz. pkt. postpaid 25c, 8-oz. can postpaid 85c.

### S PERGON

New Non-poisonous Seed Protectant

Recommended For Use on Beans, Peas, Corn and Lima Beans.

Growers report an increase in yield of over 35% from Spergon-treated seeds. Spergon kills harmful soil fungi and bacteria—prevents decay and damping-off, especially in cold, wet weather. Spergon assures better germination of seed and produces healthy, vigorous plants that give better yield. (Can be used with Nitragin.)

Price: 1 oz. package 25c, 5-oz. package \$1.00.



### SEMESAN BEL QUICK, EASY TREATMENT FOR SEED POTATOES

A Semesan Bel dip before planting will protect potatoes from scab and other diseases, insure a good stand of healthy plants and a much higher yield. Price: 2-oz. pkg. (treats 6 to 8 bu.) 50c, 1-lb. can (treats 60 to 80 bu.) \$2.00 postpaid.

### TREAT YOUR SEED GRAINS WITH NEW CERESAN 'M'

It's Less Irritating to Skin, Eyes, Nose!



Six to 18% bigger yields of grain crops obtained when seed wheat, oats, and barley were treated with Ceresan! Boost your yields—improve stand and quality by this simple treatment which costs but a few cents an acre. It's easy to apply with a homemade treater or by the simple shovel method. Does not affect planting rate or cause trouble in the drill. Can be applied 6 months before planting if desired. 1/2 ounce treats one bushel of grains, millets, or flax.

NEW CERESAN 'M' can be applied wet or dry. 14 oz. can (treats 28 bu.) \$1.00. 3-pound can (treats 96 bu.) \$2.85 ppd.

Inoculate all Legume Seeds with

## NITRAGIN

1898—FIFTY-TWO YEARS OF SERVICE—1950  
When ordering, Always state name of seed.

### ALFALFA (A)

Swt. Bur, Hubam Clovers	Retail
Size	
1 bu. each... \$ .50	
2 1/2 bu. each... 1.00	

### CLOVERS (B)

Red, Alsike, Crimson, White and Ladino.	
1 bu. each... \$ .50	
2 1/2 bu. each... 1.00	

### COMBINATION (AB)

1 bu. each .... \$ .50	
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### LESPEDEZA (L)

100 lb. size (Inoculates up to 100 lbs.) .. \$ .50	
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### PEAS, VETCHES (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea. \$ .50	
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### BEANS (D) Navy, Pinto, Wax, String, Kidney and Great Northern

1 bu. each.....\$ .50	
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Size	Retail
2 bu. each.....\$ .30	
5 bu. each..... .50	
25 bu. each..... 2.25 (One can)	
30 bu. each..... 2.95 (6-5 bu. cans)	

Size	Retail
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5 bu. each..... .50	

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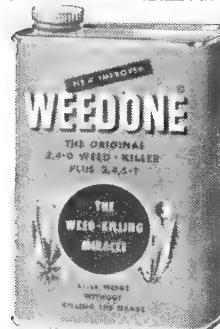
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# Newest Weed Killers

## WEEDUST

At last!—An easy way to kill your lawn weeds with 2-4-D. Just dust them with WEEDUST. Comes packed in ready-to-use shaker top canister—no sprayer needed—no mixing with water needed. Does not kill lawn grass, but only broad-leaved weeds. Kills Dandelion, Plantain, Mustard and many more. Enough for 1,000 weeds in shaker can, only 75c postpaid.



## The New Improved WEEDONE

Contains the powerful new 2,4,5-T PLUS 2,4-D! The two most effective chemicals for killing lawn weeds WITHOUT killing the grass! It's easy to keep your lawn free of dandelions, plantain and other unsightly weeds. Non-poisonous to animals or humans. Kills a greater variety of lawn weeds and woody plants than products containing 2,4-D alone!

Does not give off vapors that injure nearby flowers or ornamentals. Prevents re-sprouting of tree stumps. 8 oz. can (for 1500 sq. ft.) \$1.00. Quart \$2.75 ppd.

WEEDONE

# INSECTICIDES and FUNGICIDES

## PYROCIDE DUST

**NO. 10**—The newest dust insecticide for control of squash and melon bugs—cabbage and cucumber beetles. Non-poisonous, yet powerful. Also effective control for aphids, beetles, leafhopper and chewing insect. 1 lb. 60c, ppd., 5 lbs. \$2.50, ppd.



## PYRO-CUPER DUST

—A combination of Pyrocide, Lethane, and Copper to be used as a dust for controlling same garden insects as listed for pyrocide where the addition of a fungicide for blight control is also desired. New Pyro-Cuper is an excellent insecticide and fungicide combination for cabbage and melons. Price: 1-lb. can 70c, 5 lbs. \$3.00, ppd.



## ROTELONE GARDEN GUARD

NON-POISONOUS. Recommended for dusting on cabbage, cauliflower, beans, etc. Also controls lice, fleas and mites on dogs, cats and chickens. Safe to use. 1-lb. sifter top can, 50c, postpaid.



## CHLORDANE DUST

For Garden, Lawn and Household Insect Control

At last, a newly discovered chemical that safely controls many crawling insects in the garden or lawn, AND in the HOME! It's powerful, effective, long-lasting, yet not considered oral poison. Kills insects 3 ways: by contact, when eaten, and by vapor. In the garden, controls cutworms, earwigs, crickets, slugs, snails, ants, thrips, hoppers, squash bugs, wireworms, white grubs. In lawns: ants, chinch bugs, chiggers etc. In the home: it's the last word in control of ants, cockroaches, waterbugs, silverfish, carpet beetles, fleas, crickets. Remains effective for weeks indoors. 1 lb. sifter can 55c, 4 lb. bag \$1.50 postpaid.

## Use NOMAG for Root Maggots

Now you can avoid having wormy radishes in your garden. Protect your carrots, onions, turnips, cabbage, and cauliflower from the usual Root Maggot damage, by simply dusting NOMAG on the soil. Home Garden Size, 60c prepaid. 5 lbs. for \$5.00, not prepaid.

## 5% DDT KILLER DUST

An inexpensive and highly effective insect-killing dust for use on cabbage, cauliflower, broccoli, before heads form. Controls cabbage worm and other insects on any plants where disease control is not needed, and where dusted portions are not eaten. Recommended for thrip control on gladiola bulbs—see page 44. Do not use on vine crops such as cucumbers, squash, melons. 1-lb. sifter canister 40c, 5-lb. bag \$1.50, postpaid.



## ACME RED RIVER POTATO MIX WITH DDT

DDT has been added to this outstanding product to make it better than ever. Now controls leaf hopper and psyllid as well as potato bugs, flea beetles and aphids. Controls early and late blight. Spray or dust. The all-around, economical potato mixture. 1-lb. bag 65c, 4-lb. bag \$2.00, ppd. to 3rd zone.



## ALL ROUND SPRAY (Or Dust)

For Fruit Trees, Roses, Shrubs and Flowers

Here's the ideal single-package spray program for the home gardener with a few fruit trees, or for the rose grower who wants big, healthy, perfect blooms! Provides the most complete protection against BOTH insects AND fungi or plant diseases, all in one easy application. A scientific combination of insecticides AND fungicides to control Jap Beetle, leafhopper, flea beetle, aphids, thrip, rose chafer, and many others, as well as mildew, leaf spot, rusts and other fungi. Easy to use—apply as dust or spray—complete directions on package. 1 lb. sifter can (makes 12 gals.) \$1.00, 4 lb. can \$3.25 postpaid.



## To Kill Insects in the Home

Use the Newest Household Bug Killing Development! Kill ants, cockroaches, carpet beetles, silverfish, waterbugs, fleas, crickets, boxelder bugs and other crawling household insects. Remains effective for weeks. Read all about CHLORDANE DUST at left.

## NEW WEEDONE '32' BRUSH KILLER

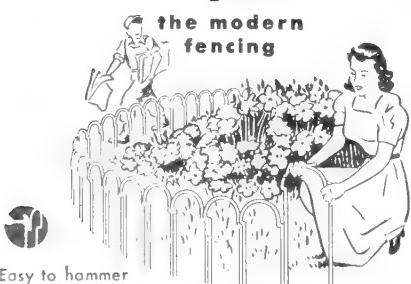
This most powerful combination of new 2,4,5-T PLUS 2,4-D kills over 100 kinds of woody, hard-to-kill plants like poison ivy, oak, willows, brambles, etc. as well as thistles and other perennial weeds, without destroying pasture grass. Gives good kill spring, summer, or fall, without vapor injury to nearby susceptible crops. Prevents re-sprouting of tree stumps. Write for Free Bulletin. 1 qt. (makes up to 25 gals.) \$4.00. Gallon \$9.25 prepaid.

## 24D FORMULAS FOR GRAIN FIELDS & PASTURES

FREE: Bulletin on the proper use of 2-4-D on farm crops and pasture weed control. Tells which formula to use, how to apply. Write for it.

## stikit® wikit

the modern fencing



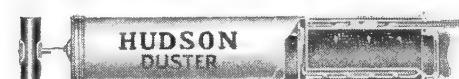
Easy to hammer into hard ground

## BEAUTIFIES AND PROTECTS

Easily installed, each unit is 21" high, 12" wide, green baked enamel on 1/4" hardened steel. Carton of two dozen makes 24 feet of fence, enough for the average flower bed.

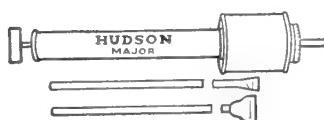
NOW POSTPAID \$1.89 PER DOZEN  
(FORMERLY \$2.40)

# SPRAYERS and DUSTERS



## NO. 766 ADMIRAL DUSTER

Applies insecticide in fine dust or heavy cloud. Powder can't enter pump chamber. 24-inch extension has adjustable nozzle for straight or angle discharge. Ideal over-and-under-leaf coverage. \$1.50, prepaid.



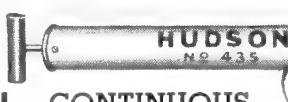
## NO. 666 MAJOR DUSTER for Cyanogas

This inexpensive duster can be used for Cyanogas and should last several seasons. With two 12-in. extensions, two nozzles and 12-inch heavy rubber hose extension for proper Cyanogas application. \$1.50, prepaid.



## NO. 403 MASTER FOG SPRAYER

Designed for large scale application of Fly Oils, Insecticides, Moth Sprays, Fungicides. Full quart capacity. Almost vertical operation possible. Each 75c, prepaid.



## CONTINUOUS SPRAYER

No. 436 Cardinal. This sturdy garden sprayer delivers a continuous spray of any desired density, from fine mist to solid stream, thru adjustable nozzle. Ideal for insecticides, disinfectants, fly sprays. 3 qt. galvanized steel tank. \$1.95.



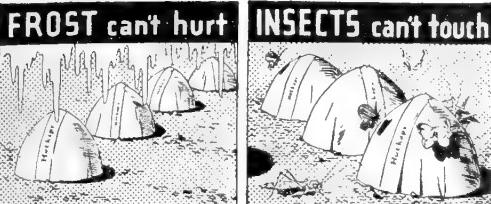
## COMPRESSED AIR SPRAYER

No. 192 Hudson Leader. For spraying fruit trees, ornamentals, potatoes, and other garden crops, as well as dairy barns, poultry and hog houses, or for applying 2-4 D to your lawn. Has 3 1/2 gallon, galvanized steel tank, with easy-filling funnel top. Automatic shut-off valve can be locked open for continuous spraying. Solid brass angle spray nozzle equipped with 3 spray discs for any spray from fog, flat fan, to solid stream. Weight 9 1/2 pounds. Price \$8.75 postpaid.

# Practical Aids for Home Gardeners & Market Growers

## PROTECT Your GARDEN! Get Earlier Crops with HOTKAPS!

FROST can't hurt



INSECTS can't touch

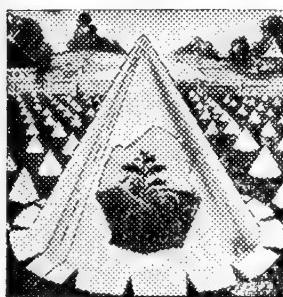
HOTKAPS are waxed paper cones, easily set out over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain a perfect mulch. Yield is increased and hastened. Flowers and vegetables mature two to three weeks earlier.

**Home Pkg. Hotkaps:** Prepaid  
25 Hotkaps with fibre setter..... \$0.90  
100 Hotkaps with fibre setter..... 3.00

**Hotkaps Only:** Postpaid. Not Ppd.  
500 Hotkaps..... \$8.70 ..... \$8.00  
1000 Hotkaps..... 15.75 ..... 14.65  
5000 Hotkaps..... per 1000..... 14.50

**Hotkaps Setters:** Steel \$1.95, Fibre 20c ppd.  
**Shipping weights:** 1000 Hotkaps 33 lbs.

## PAXTON HOT HOUSES



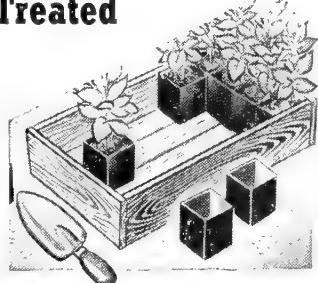
2 TO 4 WEEKS EARLIER  
TO THE MARKET AND  
TOP PRICES FOR YOUR  
PRODUCTS

outside temperatures drop! One man can set 300 to 350 an hour. Packed 25 per carton (with cardboard setter) for \$1.15. Hot Houses only: 100 for \$2.50, 250 for \$5.95, ppd. Not prepaid: 500 for \$10.75, 1,000 for \$20.25. Metal setter \$2.50. (Wt. 35 lbs. per 1,000.)

## NUTRIENT Treated

### PLANT BANDS

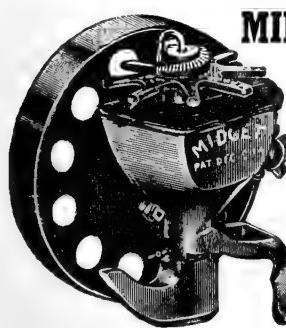
These square, open-bottom, plant bands are ideal for growing potted plants. They can be used in any shallow wooden box or greenhouse flat. Made of waterproof, mold-resistant fibre, compatible to plant growth, and treated with plant food to insure vigorous, well balanced growth. No locks, no folding, no assembly—ready with a single squeeze! 50 Bands 2" square, 2 1/2" high, 50c, postpaid; 500 bands for \$2.50, 1,000 for \$4.75 not prepaid. (Weight 23 lbs. per 1,000.)



## MIDGET SEEDER

No. 6

For sowing any kind of seed, from the smallest up to peas and beans, in any quantity. Will attach with one bolt to any Standard Single Wheel cultivator or most other Single Wheel cultivators having 5 1/2 inches or more space between shank and wheel. Shoe is adjustable for any depth and coverer swings easily. The most popular seeder on the market. Handle extra if for use alone. Weight 8 lbs. Price: Set up, ready to be attached, \$5.60. With handle, \$6.60, not ppd.



## Fibre FLOWER POTS

Adapted for growing, transplanting or shipping. Made of tough, waterproof paper, eliminating breakage. Permits speed in handling and more economical than clay pots.

### NEW VITA POTS

Here's a brand new, light weight, Nutrient-Treated pot that's tough enough for BOTH growing and shipping in the same pot. Made of waterproof, mold-resistant fibre, treated with plant food to insure vigorous, well balanced growth for many weeks. Weight: 3 inch, 40 lbs. per 1000. 4 inch, 68 lbs. per 1000.

	25	100	1000
Prices:	Prepaid	Prepaid	Not Ppd.
3 inch, Vita.....	\$0.60	\$1.95	\$13.25
4 inch, Vita.....	.80	2.65	19.95

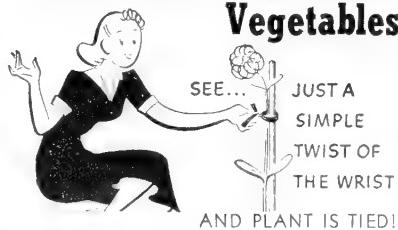


### BIRD RED POTS

Not quite as heavy as Vita Pots—will stand up under reasonable moisture for several weeks. Used extensively for transplanting and shipping. Reinforced disc in bottom. Weight: 3 inch 22 lbs. per 1000; 4 inch 48 lbs. per 1000.

	25	100	1000
Prices:	Prepaid	Prepaid	Not Ppd.
3 inch, red.....	\$0.50	\$1.25	\$ 7.90
4 inch, red.....	.60	1.75	12.65

## Use TWIST 'EMS for TYING Plants and BUNCHING Vegetables



AND PLANT IS TIED!

**Home Pkg.: 125 Twist 'Ems (8 inch) 35c**

Strong, dark green tapes with wire reinforcing—the perfect plant-tie for plants, vines, shrubs. 7-inch size only: 250 for 60c, 500 for \$1.00, 1,000 for \$1.75, postpaid.

Utility Twist 'Ems, 16-inch size, for bunching asparagus and other vegetables or for tying grape vines: 250 for \$1.15, 500 for \$1.95, 1,000 for \$3.65 postpaid.

## Lynchburg Automatic Transplanter

A practical tool for transplanting Tomato Plants, Cabbage, Cauliflower, Pepper, Eggplant, Sweet Potato and Tobacco Plants. (Not recommended for Strawberry Plants.) Each plant is set, watered and covered in one operation, without bruising or damaging the plants, without stooping or lame backs. Cuts labor to one-third. Enables one man to set 8,000 to 10,000 plants per day. The roots of each plant are put into the ground in a natural position, and firmly set by the absorption of water into the ground. This is "Nature's Own Way." Transplanting losses are reduced to the minimum. The tiny roots are sucked into the ground almost as though they grew there, and the plants take hold and start to grow at once, especially if Boost 'Em Plant Starter is used in the water reservoir—the easiest way to apply starter solution. All wearing parts are easily removed and replaced. Thousands in use. Can be operated with either right or left hand. Guaranteed for one year against faulty workmanship or defective materials. Price: \$4.85 postpaid, to third zone (300 miles).



## TRUMP GARDEN TROWEL



35c  
postpaid

A well balanced, full sized garden or greenhouse tool, of heavy 18 gauge steel with hardwood handle, shaped to fit palm of hand. Deep bowl with strong ribbed shank, baked green enamel finish.

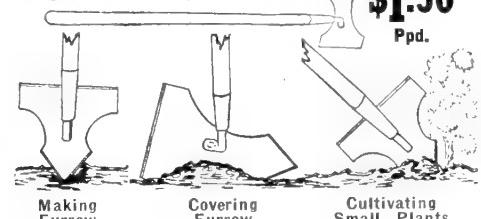
## "ALL-PURPOSE" Garden Hoe for Cultivating, Weeding, Mulching

Here's the handiest tool ever invented for cultivating, weeding, or mulching! It has just the right feel and balance to do skillful weeding without fatigue. Once you've worked with it, you become as much attached to it as the fisherman to his favorite rod, or the golfer to his favorite club. It's fun to flick Dandelion from the turf, or mulch around evergreens, shrubs, perennials. Goose-neck shank permits close cultivation. Amazingly efficient. Weighs only 1 1/2 lbs. Each \$1.30 ppd.

### NORTHFIELD '3-IN-1' HOE

\$1.50

Ppd.



Curved, sharpened blade enters ground properly—easy to work. Features: a regular hoe blade for working large areas, a pointed blade for seed furrows, irrigation trenches, or cultivating and mulching close to small plants. Covers furrows when turned on side.



## Superior Hand Weeder

75c

Each  
postpaid

A new design superior to other hand cultivators. Hardened steel blade with all edges sharpened. Bright orange plastic handle that's lightweight, has good balance, easy to see, if misplaced.



## GARDEX SEEDER

The handiest little seeder ever offered. Adjustable for planting the smallest flower seeds up to cucumber size. Sows seeds quickly, evenly, economically—no bending down. Disc hopper capacity 1/4 pint, diameter of discs 4 1/2 inches, largest opening .28"x4". Ideal for hotbed or garden sowing. Complete with 30-inch handle. Price \$1.60, prepaid.



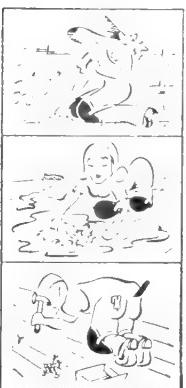
## TRAIN-ETTS

Ideal support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES. Doesn't rot like string; non-burn tendrils like wire. 3 sizes—

60-inch x 72-inch, 65c  
60-inch x 96-inch, 85c  
60-inch x 180-inch, \$1.25

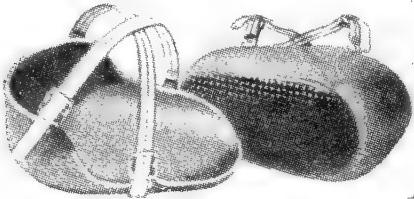
# PRACTICAL HOME and GARDEN AIDS

FAMOUS  
MINNESOTA DELICACIES



## Home & Garden Knee Protectors

A necessity when you work kneeling on ground or floor. Your knees are cushioned in thick, soft sponge rubber, reinforced with extra strong molded rubber where they contact ground or floor. Fully adjustable to fit any size knees, form fitting, knee-cupped to stay in place either over or under clothing. Equipped with adjustable non-slip straps. Designed for greatest comfort and durability. Now you can garden in comfort. **ONLY \$2.10 per pair, postpaid.**



## Dirt-Proof, Washable GARDEN GLOVES



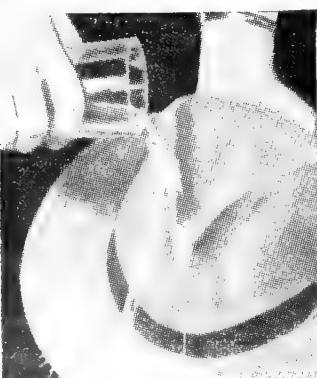
**ALL LEATHER and  
DURABLE yet  
SOFT AS KID and  
EASY TO WEAR**

—for Men and Women  
Eezy Wear gives you everything you've been wanting in a garden glove: All-leather protection from dirt, scratches, stains, infection, yet permit almost BAREHAND FREEDOM. Their amazing softness and pliability is the result of a special processing of select lamb skins. Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, housework, yard, painting, furnace, garage, etc.

Sizes for WOMEN (small, medium, large)—for MEN (small, medium, large). Price \$1.25 per pair, postpaid.

## National GARDEN Eezy Wear Gloves

## WATERPROOF YOURSELF!



Believe it or not—you can now go out in a heavy rain—without umbrella, and your clothes will not get soaked or lose their shape! It's done by simply spraying on AQUA-PRUF, the new miracle discovery that repels water like magic. Spray AQUA-PRUF on your hats, shoes, sport clothes, suits, dresses, nylon hosiery,

canvas or leather. Saves cleaning and pressing bills, increases life of fabrics, prevents mildew. Dry and safe to apply, quick to dry, and odorless when dry. It's colorless, harmless to skin, non-inflammable, contains no oil, grease or acid. Helps prevent colds. A boon to shoppers, school children, farmers, golfers, fishermen, hunters, business men and women. Price per bottle complete with finger tip sprayer (enough for 14 yards coverage), \$1.00, postpaid.

## Makes Cut Flowers Live Longer

Retards wilting—keeps color and fragrance much longer even in steam-heated rooms. No need to change water or recut stems. Liberal package 10c, 3 pkts. 25c, ppd.



**CLAUSS  
KITCHEN SHEARS**

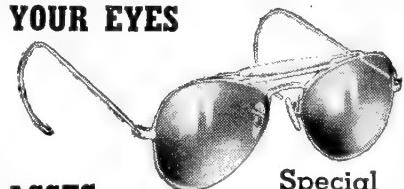
An all-purpose kitchen tool for trimming meats, cleaning fish or poultry, shredding lettuce or celery, cutting twine, rope or wire. Has such features as a handy tack hammer, screw driver that also opens can lids, bottle opener, nut cracker. Notched shanks will loosen screw caps from bottles, even squeeze lemons! Made of finest quality forged steel. Curved edge of one blade prevents slipping. Price \$1.98, prepaid.

## We believe it's the World's Best! ROBO KNIFE GRINDER

A miraculous new knife sharpener that actually grinds the finest factory-finish edge on any knife in just 30 seconds! Ordinary kitchen knives or the finest hollow-ground knives. Even a child can get the same professional results as a skilled mechanic. A simple push and pull on knife handle, rolls ROBO back and forth on table. Guide supports blade at correct angle. Rotating grindstone produces the finest, longest-lasting, smoothest, razor sharp cutting edge known. Will not mar your finest blades. No better sharpener made. **ONLY \$1.95, postpaid.**

## Protect YOUR EYES

### With AIR CORPS TYPE SUN GLASSES



Special  
Sale Price

On the farm, as in the **\$1.75 Per pair postpaid** air, tired eyes are dangerous eyes. These lenses are ground and polished on 4-base meniscus curve, with pleasing green tint. Absorb 95% of infra-red and ultraviolet rays that cause fatigue. Made to U. S. Bureau of Standards specifications, gold plated frames, adjustable temple wires, mother-of-pearl plastic brow bar and nose pads. Fits any face. Leatherette case. Specify men's or ladies' style.

## NITE GLASSES

Reduce Headlight Glare in nite driving!

Similar to above, except lenses are scientifically chrome tinted to deflect glare and improve nite vision. Permits better vision when night driving in rain, snow, fog. Reduces glare from approaching cars. See better when viewing nite sports events or television programs. **Price per pair (case included) \$2.85, postpaid.**

## MAGIC GREEN FINGERS



Pkg. of 24  
for 25c ppd.

Simply push Magic Green Finger into soil of potted plants, window box, or garden plants—and

improved

plants—and

watch im-

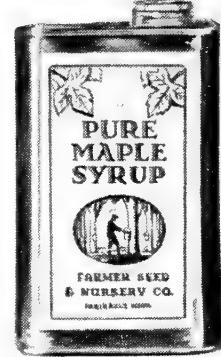
prove

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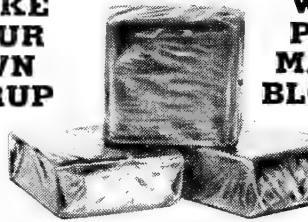
growth and beauty! Easiest way to apply plant food and Vitamin B<sub>1</sub>. Each Green Finger provides an average plant with stimulant for one month! Attractive pkg. of 24 Green Fingers, 25c ppd.

## 100 % PURE MINNESOTA MAPLE SYRUP

One of the world's most delicate natural foods! Our north-woods sugar maples are tapped while snow is still deep, and the sap is reduced to syrup in wood-burning evaporators. 35 to 50 gallons of sap make just one gallon of this syrup. Only a small portion of the crop (gathered at a critical time) is used to produce this choice quality syrup. Its clear, light amber color, its delicate, heady maple flavor is unsurpassed! Made in a modern, sanitary plant. **Pint \$1.50, Quart \$2.75, postpaid.**



## MAKE YOUR OWN SYRUP

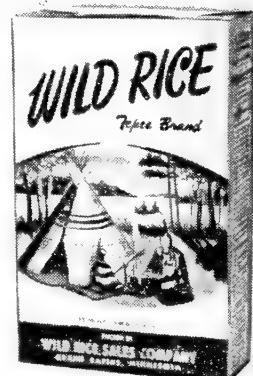


## WITH PURE MAPLE BLOCKS!

These blocks are made by evaporating the strong flavored grades of maple sap. The flavor is so highly concentrated that these blocks are not desirable as edible maple sugar. However, they are valuable for making delicious blends of cane and maple syrup. Commercial maple syrup blends average only 15% maple. Now make your own blend to suit your taste, by simply dissolving this block in hot water, together with cane sugar. You'll find a 25% or 33% maple blend has much richer flavor. Full directions included. 8 oz. Block (makes approximately one quart of flavorful table syrup). **Each 80c, 2 blocks for \$1.50 postpaid.**

## CHOICE QUALITY MINNESOTA WILD RICE

In the clean cold waters of our northern lakes the Indians have for centuries harvested a rare wild grain. The first white explorers commented on its distinctive, pleasant flavor. It is still gathered by Chippewa Indians who beat the plump kernels into their boats. Ancient preparation methods to insure perfect flavor, are combined with modern, sanitary cleaning and packaging to bring you one of the world's rare and delightful natural foods. Recipes for serving, and for stuffing for wild game and tame fowl included. We offer triple-cleaned, extra fancy quality. **12 oz. Pkg., \$1.25 postpaid.**



## MINNESOTA WHITE HULLESS HYBRID POP CORN

Here's the last word in pop corn! Developed by Minnesota's Experiment Station, it's unsurpassed in quality, flavor and tenderness. It pops up to 29% greater popping expansion than ordinary strains of white hulless. Let the whole family enjoy huge bowls of hot, buttered pop corn. And here's the pop corn that beats them all. It's maintained at proper moisture content, in sanitary cellophane packages. **3—one pound packages for 85c, postpaid.**



## PURE MAPLE SUGAR

Only the most delicately flavored grade of maple sap crop is suitable for our supreme quality syrup or sugar. This 100% pure maple sugar comes in attractive molded forms, and makes a long cherished treat for young and old alike. **5 oz. box, 85c postpaid.**

# NEW Sub-Zero

# PATENTED HYBRID TEA ROSES

## V FOR VICTORY

One of few fine yellow roses. Retains its color through full maturity. Big, fragrant, heavily petaled. Continuously blooming.

## RED DUTCHESS

Experts proclaim it the most unique red rose! The quality of this shade of red, the sweet, spicy fragrance cannot be described.

## SHADES OF AUTUMN

An abundant flowering, bi-colored beauty! The gorgeous red, yellow and blush coloring is accurately described by its name.

## PINK PRINCESS

Red buds open to deep pink blooms of marvelous texture and fragrance. A vigorous bloomer that holds its petals stubbornly.

## LILY PONS

An exquisite, free flowering white rose with pure yellow center. Large, graceful flowers of indescribable delicacy. Featured in Minneapolis, St. Paul Municipal Gardens.

Any of above roses: \$1.50 each, 3 for \$4.25 prepaid.



Red Dutchess

## GROW PERFECT ROSES!

It's Easy: Dust or Spray With ALL ROUND SPRAY!

Get big, healthy, sparkling blooms. This new combination of chemicals provides the most complete protection from destructive insects AND diseases, ALL IN ONE PACKAGE, that research can produce! 1 lb. sifter can (makes 12 gallons spray), \$1.00 postpaid.

## Special Collection

ANY 3 FOR \$4<sup>25</sup>

5 Roses FOR ONLY  
1 OF EACH SHOWN \$6<sup>25</sup>  
POSTPAID

Shades of Autumn

V for Victory

Lily Pons

Pink Princess

# Remarkable New MIDGET VEGETABLES

FOR THE  
SMALL  
GARDEN



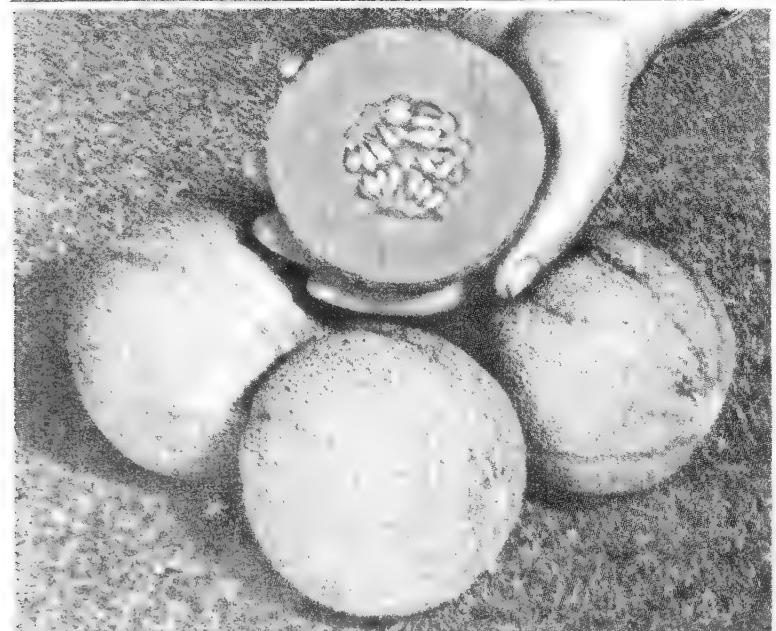
JUST RIGHT for the FREEZER CARTON

JACK FROST LOCKER CARTON

ACTUAL SIZE OF FARIBO MIDGET SWEET CORN

**Faribo GOLDEN MIDGET SWEET CORN**

(No. 215) We honestly believe you've never tasted sweet corn like this! No garden is too small for a few rows of this novel, miniature table delicacy. Acclaimed the sweetest, tenderest, most flavorful corn ever grown! Midget, 4-inch, butter-yellow ears, of highest sugar content, on miniature 30 inch plants, in less than 60 days! Nothing finer, fresh or frozen. 1/2 lb. 65c (Seeds are small and go farther). Big Pkt. 35c.



## MINNESOTA "356" MIDGET MUSKMELON

(No. 356) A new midget sensation from U. of Minn., Horticulture Dept. Novel 4-inch meloncups—just right for individual servings, ripe in only 60 days! Small 3 ft. vines, produce compact, round bunches of luscious little melons, with high sugar content, edible to the rind! Has a sweet, appetizing flavor all its own. Seed source. Pkt. 25c, 3 Pkts. 65c.

## TINY TIM MIDGET TOMATO →

(No. 750) These novel, miniature three quarter inch tomatoes are easy to grow in house or garden. A fascinating, colorful, potted house plant. Ideal for garnishing winter time menus, or in salads and preserves. Dwarf plants, loaded with brilliant scarlet miniature fruits! Pkt. 25c, 3 Pkts. 65c.



## NEW HAMPSHIRE MIDGET WATERMELON

(No. 879) A sensational new melon for small gardens! Extremely early. Valuable in the north—its high quality is unique! The 7 inch fruits make individual servings—a refrigerator space-saver. Our strain has practically no rind, crisp, juicy, rich red flesh of extra high sugar content. Easy to grow—try it!

Pkt. 25c, 5 pkts. \$1.00 ppd.

MIDGET VEGETABLE COLLECTION  
5 PKTS. one of each  
shown here \$1  
(\$1.35 VALUE)  
(post paid for only . . .)



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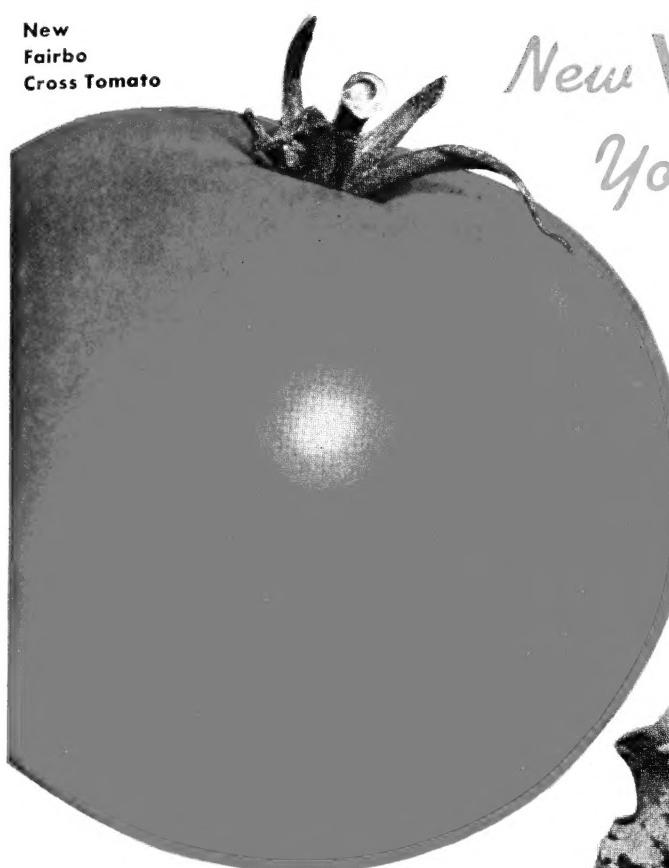
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Please write any letters or questions you wish us to answer, on a separate sheet of paper, with your full name and address. Do you receive more than one of our catalogs? Yes  No

New  
Fairbo  
Cross Tomato

# New Vegetables

You should try



## NEW FARIBO CROSS TOMATO

(No. 738) Developed by crossing superior strains in Farmer Seed Research Fields. Smooth, solid scarlet fruits ripen evenly, grow medium to large in size. They mature earlier, and yield heavier than Rutgers!

Pkt. 20c, 1/2 oz. \$1.00, oz. \$1.75 ppd.

## PENNLAKE HEAD LETTUCE

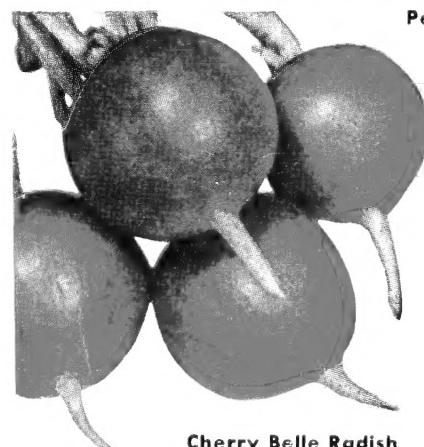
(No. 338) All-American winner from Penn. State College! Combines best features of Imperial and Great Lakes. Readily forms solid, slightly conical heads of crisp, dark green foliage, without objectionable "ribbiness."

Pkt. 15c, oz. 75c ppd.

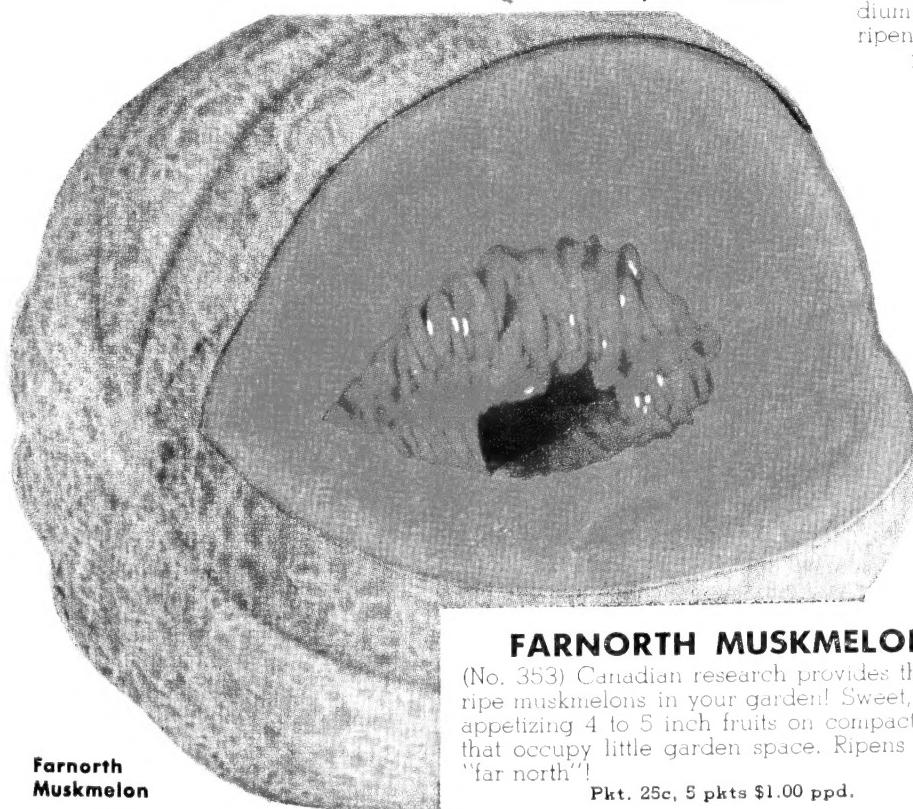
## CHERRY BELLE RADISH

(No. 551) All America winner from Holland! These attractive cherry-red radishes retain choice eating quality for days! Extra early, resistant to pithiness.

Pkt. 10c, oz. 25c, 1/4 lb. 50c ppd.



Cherry Belle Radish



## FARNORTH MUSKMELON

(No. 353) Canadian research provides the first ripe muskmelons in your garden! Sweet, juicy, appetizing 4 to 5 inch fruits on compact vines that occupy little garden space. Ripens in the "far north"!

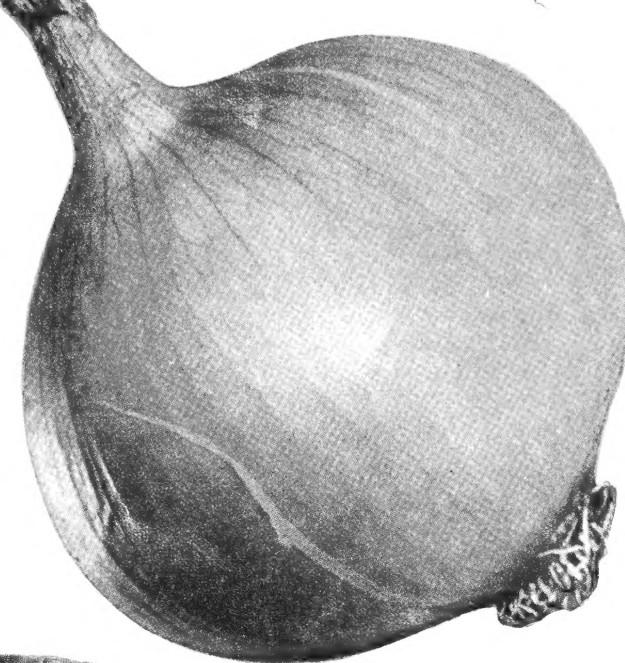
Pkt. 25c, 5 pkts \$1.00 ppd.

Farnorth  
Muskmelon

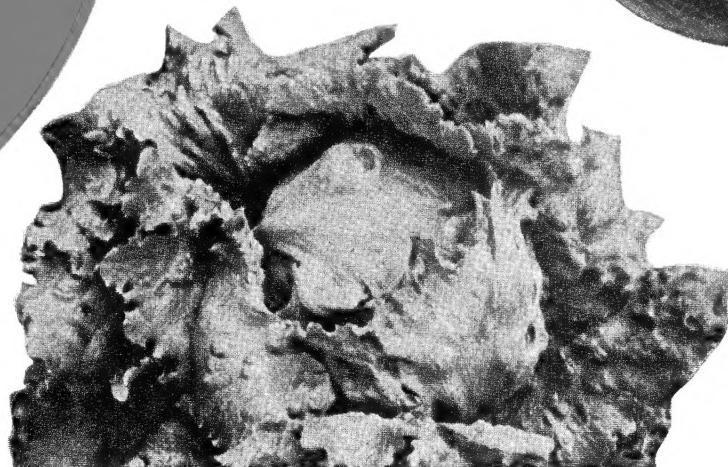
## MICHIGAN STATE ONION

(No. 411) A "Long Keeping" yellow Sweet Spanish from Michigan State College. The splendid quality of regular Sweet Spanish plus ability to keep in perfect condition for 6 months! Enjoy big, firm, sweet onions in April.

Pkt. 20c, oz. \$1.00



Michigan State Onion

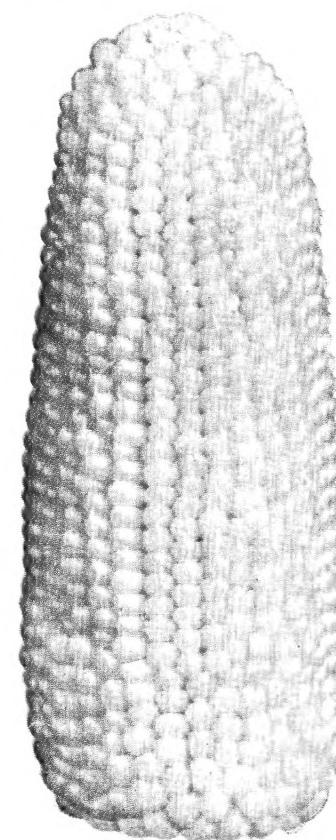


Pennlake Head Lettuce

## MINHYBRID POP CORN

(No. 250) A white hulless hybrid, that's the last word in quality, flavor, and tenderness. 16% greater yield, 29% greater popping volume in U. of Minn. Farm tests. Brings a premium on the markets and from commercial poppers.

Pkt. 10c, 1/4 lb. 20c, 1/2 lb. 35c, 1 lb. 60c ppd.



Minhybrid Popcorn

## WISCONSIN EARLY SCARLET TOMATO

(No. 711) An extra early tomato from Wisconsin's Experiment Station. Plants become loaded with bright scarlet, medium-sized, very smooth, round fruits that ripen evenly and completely to the stem.

Pkt. 15c, 1/2 oz. 60c, oz. \$1.00 ppd.

# Streamliner NEW JUMBO EVERBEARING STRAWBERRY

Here's the big new strawberry you can enjoy without sugar! Nothing finer for serving fresh, or in shortcake, or for canning. Perfect for quick freezing. Authorities agree that these large, glossy red, uniform sized fruits have the finest quality of all strawberries. Plant your patch this spring—it will start to bear in 60 to 90 days, and you'll have berries until heavy frost! Next year you'll have fruit spring, summer and fall. Streamliner has everything; fine flavor, large size, good color, heavy yield, self pollinating. A quart of berries has been picked from a single plant—the ideal everbearer for your garden!

25 plants \$2.25, 50 for \$3.75, 100 for \$5.75  
250 for \$11.00, 500 for \$17.75 Ppd.

## EARLY GOLDEN 113 SWEET CORN

(No. 201) We recommend this above all others as the earliest, full-sized Hybrid in your garden! Has tremendous appeal on the early market as it gets there first, with big 8 to 10 inch, well filled, butter-yellow ears. The first large, uniform ears available for your dinner table, canning or freezing. Big pkt. 15c,  $\frac{1}{2}$  lb. 30c, lb. 50c, 5 lbs. \$2.30 prepaid.

## NEW KENNEBEC SEED POTATO EYES

### Immune to Late Blight in Extensive Tests

Here's the new potato you've read about! Just released, after years of research by Maine's Experiment Station, and USDA. The attractive white, smooth skinned tubers are good cookers, long keepers, and mature in mid season. New Kennebec yields tremendously and is resistant to scab and Mosaic, as well as late blight disease.

**About Seed Potato Eyes:** Grow the newest varieties. Order now—get your seed postpaid by mail at planting time. Guaranteed to arrive in good condition. Scientifically cut from certified stock, specially treated and packed to keep fresh until suitable planting weather. 100 Eyes will plant 100 hills. For bumper yields, use BOOST'EM (page 67).

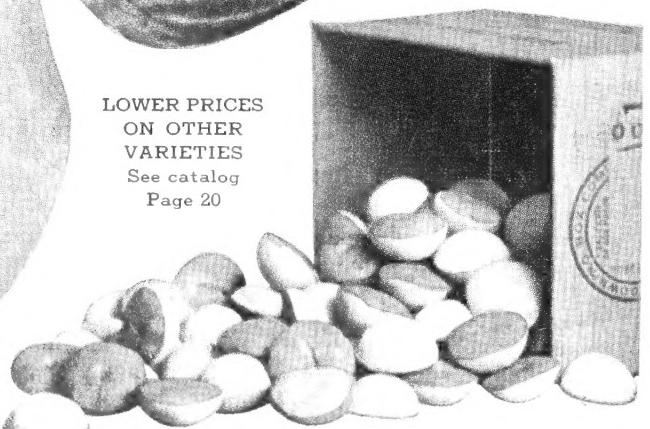
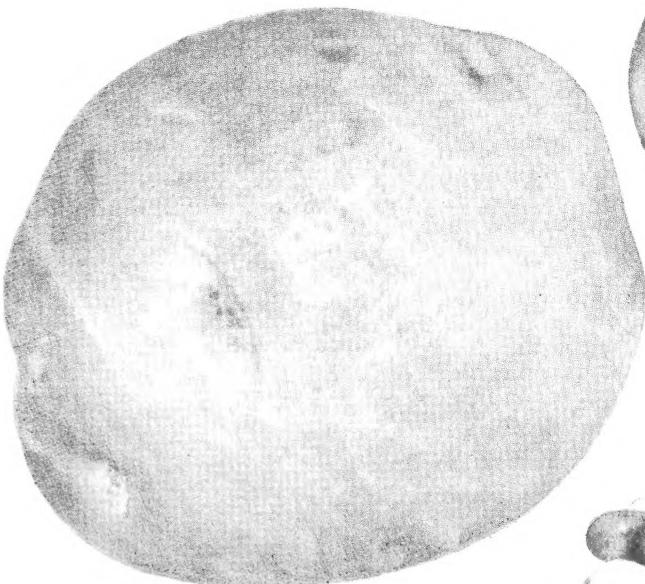
Certified Kennebac Potato Eyes:  
100 for \$2.10, 200 for \$3.95, 500 for \$8.75 postpaid.

## FARIBO HYBRID CUCUMBER

(No. 282) Get more and better "Cukes"—earlier, from this husky Minnesota Hybrid! Produces a continuous crop of big, handsome, uniform fruits on vigorous disease-resistant Hybrid Plants. Developed by Dr. A. E. Hutchins of Minnesota Experiment Station and Farmer Seed & Nursery Co. A remarkable producer! Fruits are intense deep green with sparkling, crisp white flesh—the ideal pickle type when young, and perfect 8 to 9 inch slicers when full grown.

Pkt. 25c prepaid.

LOWER PRICES  
ON OTHER  
VARIETIES  
See catalog  
Page 20



# FARMER SEED & NURSERY CO.

# FARIBAULT MINNESOTA